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Henderson's Midsummer Catalogue

= = 1916 = =

Strawberry Plants and Vegetable Plants
Seeds for Summer Sowing, Insecticides, Tools, &c.

Peter Henderson & Co., 35 & 37 Cortlandt St., New York



Americus Fall Fruiting Strawberries (See page 4) Progressive
Photographed September 15th, 1915

From PETER HENDERSON & CO., NEW YORK

HENDERSON'S

MIDSUMMER CATALOGUE

POT-GROWN STRAWBERRY PLANTS FOR SUMMER PLANTING

Celery, Cauliflower, Cabbage and Other Vegetable Plants for Summer Planting
Vegetable, Flower and Farm Seeds for Summer Sowing
Also Seasonable Tools, Requisites, Insecticides, Etc.

We Deliver Free by Express, Parcel Post or Freight at Our Option, to any Express Office, Post Office or Freight Station in the U. S.

All Vegetable and Flower Seeds by the Packet, Ounce, $\frac{1}{4}$ -Pound and Pound, offered in this Catalogue,

Purchasers Pay—or Allow—for transportation on Seeds in Bulk, Pints, Quarts, Half-Pecks, Pecks, Bushels, Barrels—Also on Farm Seeds, Tools, Implements, Requisites, Fertilizers and Insecticides. Regarding the Shipment of Strawberry Plants, see page 1.

When mailable goods (that we do not offer to deliver free) are wanted by Parcel Post postage must be added at the Zone rate printed below.

BUSINESS RULES

ORDERING, REMITTING, ACCOUNTS, FORWARDING, ETC.

THE PRICES QUOTED IN THIS CATALOGUE ARE NET—We offer no premiums, discounts or gratuities. This list cancels all previous quotations.

REMITTANCES should be made by Express Money Order, P. O. Money Order, Bank Draft or Registered Letter. We must decline sending goods C.O.D. unless 25% of their value accompanies the order. We do not ship plants C.O.D.

ACCOUNTS—Parties having no account with us—who order goods without remittance—must furnish satisfactory reference. New York City reference preferred on account of the shorter delay pending investigation.

WE FORWARD AS CUSTOMER DIRECTS by express, freight or parcel post. When no shipping instructions are given we send according to our judgment. Some seeds we deliver free in the United States, but on other seeds and goods purchaser pays transportation charges (see details at top of this page.)

REGARDING SHIPMENT OF PLANTS—For information regarding shipment of Strawberry and Vegetable Plants see page 1.

WE MAKE NO CHARGE FOR SHIPPING AND CARTING of goods to any railroad station, steamship line or express office in New York City proper.

WE MAKE NO CHARGE FOR PACKING, except special for foreign shipments, as tin lined cases, double sacks, etc., then we charge cost. Canvas bags we charge for, viz.: 1 peck, 10c.; $\frac{1}{2}$ bushel, 12c.; 1 bushel, 15c.; 2 bushels, 25c. All Grass seed bags are furnished free excepting for Timothy and Clover.

ERRORS IN THE FILLING OF ORDERS—We use the greatest care in filling, checking and packing orders. Should anything be accidentally omitted we will promptly forward same when advised. Keep a duplicate copy of your order for comparison.

WE CANNOT GUARANTEE THE RESULTS of any seeds, plants or bulbs we send out—therefore:

PETER HENDERSON & CO. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

CUSTOMERS PLEASE NOTICE

IF GOODS ARE WANTED BY PARCEL POST, POSTAGE MUST BE ADDED AS PER TABLE BELOW, EXCEPT FOR THOSE WE OFFER TO DELIVER FREE AS ABOVE.

REGARDING DOMESTIC PARCEL POST within the United States and Possessions—which now includes Seeds, Plants, Bulbs and Roots.

For all merchandise mailable by Parcel Post offered in this catalogue—tools, and accessories, odorless fertilizers, insecticides and fungicides (fluids and poisons excluded)—we have given the packed Parcel Post weight so that extra for postage must be remitted according to Zone distances as below:

WEIGHT LIMIT—The weight limit within the 1st and 2nd Zones is now fifty (50) pounds, within the other Zones the weight limit is twenty (20) pounds and the size limit eighty-four inches (34) for combined length and largest girth. In this catalogue we give the weights packed up to ten pounds. In most instances the charge by freight and express on greater weights will be found more economical, hence we confine our estimates to the ten pound scale.

DOMESTIC PARCEL POST RATES Within the U. S. and Possessions		First pound or fraction	Each additional pound or fraction
First Zone within	50 miles of New York City.....	5c.	1c.
Second " "	50 to 150 mi of New York City .	5c.	1c.
Third " "	150 " 300 " " " " "	6c.	2c.
Fourth " "	300 " 600 " " " " "	7c.	4c.
Fifth " "	600 " 1000 " " " " "	8c.	6c.
Sixth " "	1000 " 1400 " " " " "	9c.	8c.
Seventh " "	1400 " 1800 " " " " "	11c.	10c.
Eighth " "	all over 1800 " " " " " "	12c.	12c.

IMPORTANT—In remitting postage always add it to the foot of the order as a separate item—this will help to avoid mistakes.

The local postmaster will inform you what zone you are in from N. Y. City and you can add for postage accordingly.

MIDSUMMER
1916

Peter Henderson & Co.
35 & 37 CORTLANDT ST., NEW YORK.

MIDSUMMER CATALOGUE ORDER SHEET.

PETER HENDERSON & CO., give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds, Bulbs, or Plants, they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

PETER HENDERSON & CO.,

35 and 37 Cortlandt Street, New York

Parcel Post Zone
from N.Y. City

Laid out by.....; Checked by.....; Reply required by.....

The following articles will be sent later.....

In.....Pkgs.:.....Bundles;.....Boxes;.....Crates.....Baskets;.....Bbls.:.....Bags.

Route shipped by....., Date shipped.....1916

(PLEASE DO NOT WRITE IN THIS SPACE.)

WE DO NOT OFFER ANY PREMIUMS OR DISCOUNTS. OUR PRICES ARE NET

Total Amount of Order,

We offer in this Catalogue, tools and accessories, odorless fertilizers, insecticides, etc.—that may be forwarded by U. S. Parcel Post, but extra for postage calculated by the “Zone Rate” must be added to the amount of the order. (See second page of cover.)

ADD POSTAGE FOR GOODS WANTED BY PARCEL POST

[illegible]

INDEX AND PRICES OF

HENDERSON'S POT-GROWN STRAWBERRY PLANTS.

These are much superior to the ordinary ground layers usually sold, as there is no loss of fine roots in taking them up consequently transplanting scarcely checks their growth, the earlier the pot-grown plants can be planted after August 1st, the larger they will grow and the more they will produce the next spring. We do not offer a long list of varieties in Strawberries, but only such as may be considered the best of existing sorts. The plants will be ready about August 1st, and if set out any time before September 15th they should grow into fine plants and bear a full crop of luscious fruit the next season.

Page	Note: P means Pistillate. P.F. means Perfect Flowering.	Doz.	100	1000	Page	Note: P means Pistillate. P.F. means Perfect Flowering.	Doz.	100	1000
5	Abington. <i>Medium Early—P.F.</i>.....	.60	\$4.00	\$35.00	8	Heritage. <i>Mid-season to Late—P.F.</i>....	.60	4.00	35.00
4	Americus. <i>Fall Fruiting—P.F.</i> 10c. each.	1.00	8.00		9	Marshall. <i>Mid-season—P.F.</i>.....	.60	4.00	35.00
5	Barrymore. <i>Mid-season—P.F.</i>.....	.50	3.50	30.00	8	Mascot. <i>Mid-season—P.F.</i>.....	.60	4.00	35.00
5	Bederwood. <i>Early—P.F.</i>.....	.50	3.50	30.00	9	Michel's Early. <i>Extra Early—P.F.</i>....	.50	3.50	30.00
5	Brandywine. <i>Mid-season to Late—P.F.</i>...	.50	3.50	30.00	9	Missionary. <i>Early—P.F.</i>.....	.60	4.00	35.00
5	Bubach. <i>Mid-season—P.</i>.....	.50	3.50	30.00	9	New York. <i>Mid-season—P.F.</i>.....	.50	3.50	30.00
5	Cardinal. <i>Mid-season—P.</i>.....	.60	4.00	35.00	10	Nick Ohmer. <i>Mid-season—P.F.</i>.....	.50	3.50	30.00
6	City of Chester. <i>Mid-season—P.</i>.....	.60	4.00	35.00	10	Norwood. <i>Medium Early to Mid-season</i> <i>P.F.</i>.....	.60	4.00	35.00
5	Chipman. <i>Early to mid-season—P.F.</i>....	.60	4.00	35.00	4	Progressive. <i>Fall Fruiting—P.F.</i> 10c. each.....	1.00	8.00	
6	Chesapeake. <i>Mid-season to Late—P.F.</i>...	.60	4.00	35.00	10	Reliance. <i>Mid-season—P.F.</i>.....	.50	3.50	30.00
6	Climax. <i>Extra Early—P.F.</i>.....	.60	4.00	35.00	10	Sample. <i>Late—P.</i>.....	.60	4.00	35.00
6	Commonwealth. <i>Very Late—P.F.</i>.....	.75	5.50	50.00	10	Sharpless. <i>Mid-season—P.F.</i>.....	.50	3.50	30.00
6	Corsican. <i>Mid-season—P.F.</i>.....	.60	4.00	35.00	11	Success. <i>Early to Mid-season—P.F.</i>....	.50	3.50	30.00
10	Early Ozark. <i>Extra Early—P.F.</i>.....	.60	4.00	35.00	11	Steven's Late Champion. <i>Late—P.F.</i>...	.60	4.00	35.00
7	Fendall. <i>Mid-season to Late—P.F.</i>.....	.60	4.00	35.00	11	Uncle Jim. <i>Mid-season to Late—P.F.</i>....	.60	4.00	35.00
7	Fremont Williams. <i>Late—P.F.</i>.....	.60	4.00	35.00	11	Willard. <i>Mid-season to Late—P.F.</i>.....	.60	4.00	35.00
7	Gandy. <i>Late—P.F.</i>.....	.50	3.50	30.00	11	Wm. Belt. <i>Mid-season—P.F.</i>.....	.50	3.50	30.00
7	Glen Mary. <i>Mid-season—P.F.</i>.....	.50	3.50	30.00					
8	Great Ruby. <i>Mid-season to Late—P.</i>...	.60	4.00	35.00					

25 Plants of one variety will be supplied at the 100 rate; 250 at the 1000 rate. Purchasers to pay expressage.

ABOUT SHIPPING STRAWBERRY PLANTS.

Have your plants sent by express. They will reach you in better condition than by Parcel Post and the cost in most cases less when bought in quantities of one hundred or over.

The safe arrival is guaranteed in good condition of strawberry plants sent by express where transit does not exceed three days. Pot-grown strawberry plants are ready about August 1st. Vegetable plants ready between June 15th and August 1st. We ship them by express only. See page 13.

Regarding Celery Plants see page 12.

Plants we do NOT deliver free by express. We make no charge for packing but in all cases the buyer must pay the carrying charges. We always add extra plants to help defray express charges. We do not ship plants C. O. D. for goods.

Parcel Post.—We deliver strawberry plants free by Parcel Post in the U. S. at dozen prices, if so ordered, but we have to take the soil from the roots to lighten the weight, thus much of the value of being grown in pots is lost. As we get no receipt from the postmaster for packages unless insured, purchasers must remit 5c. extra if they want insurance.

STRAWBERRY CULTURE.

BY PETER HENDERSON.

THE SOIL AND ITS PREPARATION.—Strawberries will grow on almost any soil, but it is all-important that it be well drained, either naturally or artificially; in fact, this is true for the well-being of nearly all plants, as few plants do well on soils where the water does not freely pass off.

Thorough culture requires that the soil should be first dug or plowed, then spread over with at least three inches of thoroughly rotted stable manure, which should be dug or plowed under, so far as practicable, to mix it with the soil. If stable manure cannot be had, artificial manure, such as ground bone dust, etc., should be sown on the dug or plowed ground, thick enough to nearly cover it, then harrowed or chopped in with a fork, so that it is well mixed with the soil to at least six inches in depth. This, then, is the preliminary work before planting, to insure a crop the next season after planting—in nine or ten months.

POT-GROWN PLANTS.—The plants must be such as are layered in pots (see cut) page 2 and 3 and the sooner they are planted out after the 25th of July, the better, although, if not then convenient, they will produce a crop the next season even if planted as late as the middle of September; but the sooner they are planted the larger will be the crop.

HOW TO PLANT.—They may be set from *pot layers* either in beds of four rows each, fifteen inches apart, and fifteen inches between the plants, leaving two feet between the beds for pathway; or be set out in rows two feet apart, the plants in the rows fifteen inches apart; and if the plants are properly set out (care being taken to firm the soil around the plant, which is best done

by pressing the soil against each plant with the foot), not one plant in a thousand of Strawberry plants that have been grown in pots will fail to grow.

HOW TO CULTIVATE.—For the first three or four weeks after planting nothing need be done except to hoe the beds, so that all weeds are kept down. Be careful to do this once in every ten days; for if the weeds once get a start, it will treble the labor of keeping the ground clean. In about a month after planting they will begin to throw out runners, all of which *must be pinched or cut off as they appear*, that by the end of the growing season (1st of November) each plant will have formed a complete bush one foot or more in diameter, having the necessary matured "crowns" for next June's fruits.

COVERING IN WINTER.—By the middle of December the entire beds of Strawberry plants should be covered up with salt meadow hay (straw, leaves or anything similar will do as well) to the depth of two or three inches, entirely covering up the plants and soil, so that nothing is seen but the hay. By April, the plants so protected will show indications of growth, when the hay around each plant is pushed a little aside, to assist it in getting through the covering, so that by May the fully developed plant shows on the clean surface of the hay. This "mulching" as it is called, is indispensable to the best culture, as it protects the plants from cold in winter, keeps the fruit clean, keeps the roots cool by shading them from the hot sun in June, and at the same time saves nearly all further labor after being once put on, as few weeds can push through it.

STRAWBERRY CULTURE--Continued.

NEW BEDS EACH YEAR.—By this method we prefer to plant new beds every year, though, if desired, the beds once planted may be fruited for two or three years, as by the old plans; but the fruit the first season will always be the largest in size, if not greatest in number. Another advantage of this system is that, where space is limited, there is quite time enough to get a crop of Potatoes, Peas, Beans, Lettuce, Radishes, or, in fact, any summer crop off the ground first *before* planting the Strawberries, thus taking two crops from the ground in one year, if desired, and there is also plenty of time to crop the ground with Cabbage, Cauliflower, Celery, or other fall crop *after* the crop of Strawberries has been gathered.

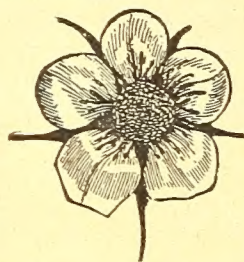


YOUNG STRAWBERRY PLANT LAYERED IN POT.

POTTING THE PLANTS.—The plan of getting the pot layers of Strawberries is very simple. Just as soon as the fruit is gathered, if the beds are well forked up between the rows, the runners of young plants will begin to grow, and in two weeks will be fit to layer in pots. The pots, which should be from two to three inches in diameter, are filled with the soil in which the Strawberries are growing, and "plunged" or sunk to the level of the surface; the Strawberry layer is then laid on the pot, being held in place with a small stone. The stone not only serves to keep the plant in its place, so that its roots will strike into the pot, but it also serves to mark where each pot is; for, being sunk to the level of the surface, rains wash the soil around the pots, so that they could not well be seen unless marked by the stone. In ten or twelve days after the Strawberry layers have been put down the pots will be filled with roots. They are then cut from the parent plant, placed closely together, and shaded and watered for a few days before being planted out. Some plant them out at once when taken up, but, unless the weather is very suitable, some loss may occur by this method; by the other plan, however, of hardening them for a few days, not one in a thousand will fail.

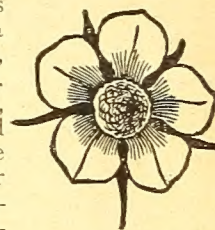
ADVANTAGES OF POT-GROWN PLANTS.—By the usual field method of culture, it will be seen that there is a loss of one season in about three; for in the year of planting no fruit, of course, is produced, and for this reason we incline to the belief that, if a portion were set aside to produce early plants, so that pot layers could be set out by the 25th day of July, a full crop of finest fruit could be had every season, and with less cost, we think; for the only labor after planting is to keep the ground clean and pinch off the runners, from July to October, with the certainty of getting a full crop next June, or in less than a year from the time of planting, while planting by ordinary layers, if planted in August, we have three months of fall culture, and six or seven months of the next summer's culture, before a crop is produced. Again, if the crop is continued to fruit the second or third year, every one who has had experience with the nature of the plant, knows that the labor of keeping the plants free from weeds is enormous; while by the pot layering method of taking a fresh crop each year, all such labor is dispensed with.

PERFECT vs. IMPERFECT FLOWERING STRAWBERRIES. The blossoms of strawberries are either bi-sexual (perfect flowering) or are destitute of stamens and are termed pistillate or



BI-SEXUAL OR PERFECT FLOWER.

(imperfect flowering), *see cut.* Pistillate varieties must have a row of a perfect-flowered sort, planted every 9 or 12 ft. apart among them, or, better yet, every third or fourth plant in the row, to pollinize their blossoms. When properly fertilized the pistillate varieties are the most prolific.



PISTILLATE OR IMPERFECT FLOWER.

FIELD CULTURE.—Strawberries for field culture are usually planted from the ordinary layers, either in August or September in the fall; or in March or April, in the spring. Mark out the rows three and one-half to four feet wide and set plants eighteen to twenty inches apart in the rows. Then if we wish to follow the *narrow row system*, we let each plant strike a few runners along the line of the row, and then, later in the season, keep all runners off; while if the broad *matted row* is wanted, all runners are allowed to take root, and the cultivator narrowed up a little at each cultivation during the latter part of the season, till we have matted beds of plants two feet wide, with a walk one foot wide between them. The narrow row is the more profitable of these two systems; yet the matted row is the most adopted, as many people are of the opinion that the more plants the more berries. In planting, every plant should be well firmed, or great loss is almost certain to ensue, as the Strawberry is a plant always difficult to transplant. Generally two or three crops are taken before the beds are plowed under; but the first crop given (which in the second year after planting) is always the best.

TO ASCERTAIN THE NUMBER OF PLANTS REQUIRED FOR AN ACRE.—The number of plants required for an acre, at any given distance apart, may be ascertained by dividing the number of square feet in an acre (43,560), by the number of square feet given to each plant, which is obtained by multiplying the distance between rows by the distance between the plants. Thus, strawberries planted three feet by one foot, give each plant three square feet, or 14,520 plants to the acre.



A SPECIMEN OF HENDERSON'S POT-GROWN STRAWBERRY PLANTS.

See illustration in colors
on back cover.



HENDERSON'S "SUCCESSION"

Collections of Strawberries

are composed of the undermentioned six choice, family strawberries, including Extra Early, Early, Mid-Season, Late and Extra-Late Varieties thus extending the Strawberry Season to its maximum limits.

ALL ARE POT-GROWN PLANTS

Set out this Summer will bear a full crop next season

EARLY OZARK, page 10.... Extra Early
ABINGTON, page 5..... Early
CHIPMAN, page 6.. Early to Mid-Season
NORWOOD, page 10..... Mid-Season
HERITAGE, page 8.. Mid-Season to Late
COMMONWEALTH, page 6.. Extra Late

Prices of Henderson's "Succession" Collection of Strawberries:

COLLECTION A	
24 plants, 4 each of above 6 varieties.....	\$1.00
COLLECTION B	
36 plants, 6 each of above 6 varieties.....	\$1.50
COLLECTION C	
72 plants, 12 each of above 6 varieties.....	\$2.75
COLLECTION D	
150 plants, 25 each of above 6 varieties....	\$5.00
COLLECTION E	
300 plants, 50 each of above 6 varieties.	\$9.50
COLLECTION F	
600 plants, 100 each of above 6 varieties	\$18.00

Purchasers to pay transportation.
See page 1 regarding shipping and
second page of cover regard-
ing Parcel Post etc.

Henderson's "SUCCESSION" COLLECTION

of Pot-Grown Strawberry Plants lengthens the Strawberry Season to the maximum limits, being composed of the above-mentioned six choice family strawberries, including Extra-Early, Early, Mid-Season, Mid-Season to Late, Late and Extra-Late Varieties. They are bountiful fruiting, sweet, luscious Strawberries for home use, where they can be picked thoroughly ripe, rich, melting and delicious, gratifying the daintiest palate and besides all are beautiful and perfectly formed Strawberries, of the largest size obtainable in the various classes, all attractively colored, rich and glossy, with surface color permeating the flesh as well, rendering them temptingly appetizing and the ideal dessert fruit. See also illustration in colors on the back cover.



PROLONG THE STRAWBERRY
SEASON UNTIL FROST

by planting the
FALL-FRUITING STRAWBERRIES

AMERICUS and PROGRESSIVE.

They will produce fruit at the same season as the ordinary strawberries, and keep on bearing until frost, yet to get the best results the blossoms should be kept cut off until August 1st, so as to conserve the energies of the plants for the fall crop. Treated in that way ripe fruit will be borne in about three weeks after that date and continuously until frost. One grower by that method gathered nearly 400 quarts from 500 plants set out in the spring; a splendid demonstration of their productive power. The quality is superb, the size is good, but not up to the large June berries, because of the season at which they are borne. The plants must not be allowed to suffer for water in the fruiting season and a mulch will be found to be of great advantage. High cultivation is essential for the best results in all crops and in growing these Strawberries a little extra attention will pay well. There is no more trouble in growing them, than in growing the ordinary Strawberries, but they have to be attended to in proper season.

AMERICUS.

The plant is medium-sized, with foliage a shade lighter in color than Progressive, has a good, heavy root system, and is a fairly good plant maker; strongly staminate blossoms. The fruit is light red, heart-shaped, of fine texture, good quality, half the size of Brandywine. Stout fruit-stems hold the fruit well off the ground. This variety has fruited here the past four years on spring set plants and new runners from July to cold weather. It is not uncommon for a spring set plant to produce from six to twelve well-loaded fruit-stalks. (See engraving.) Price, 10c. each, \$1.00 per doz., \$8.00 per 100.

PROGRESSIVE.

A splendid grower, healthy and hardy, very productive. The plant is of medium size, the blossom strongly staminate and very resistant to heat. Both blossoms and fruit are well protected by the strong healthy foliage. The fruit is rich and sweet; a deep red inside and out; of good medium size with a slight neck and quite firm. Plants set in August and September fruit the next spring and on the new runners from July until frost. Spring set plants fruit the same year they are set out. (See engraving.) Price 10c. each, \$1.00 per doz., \$8.00 per 100.

SEE ALSO COLORED ILLUSTRATION ON THE FRONT COVER OF THIS CATALOGUE.

ABINGTON.

Medium Early—Perfect Flowering.
(Shown in color on the back cover.)

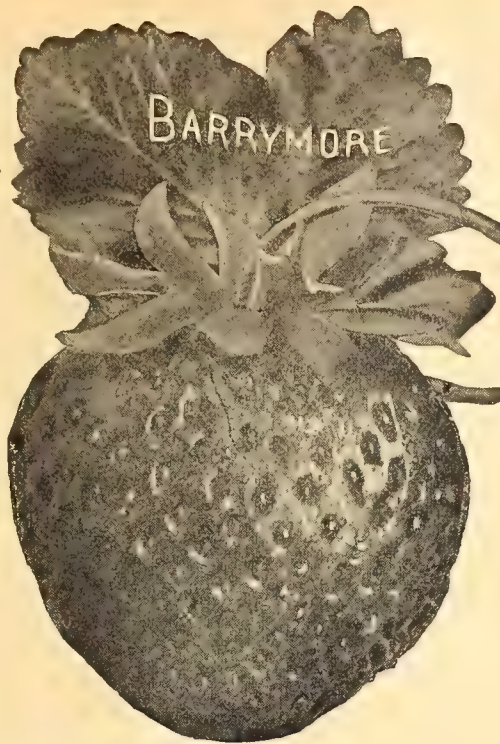
A mid-season or main crop variety that we have proven by trial worthy of all the high praise that has been bestowed upon it. The plant is a thrifty healthy grower and very productive. The large foliage amply protects both flowers and fruit. The blossoms are large and full being good pollenizers for pistillate varieties. The fruit is large, of fine flavor with firm surface of bright crimson which color extends almost to the center, thus greatly enhancing its value for canning and preserving.

Price, (pot-grown plants), 60c. per doz., \$4.00 per 100; \$35.00 per 1000.

BARRYMORE.

(Mid-season—Perfect-Flowering.)

This splendid variety was originated by H. L. Crane of Massachusetts. The plant is a healthy vigorous grower and very productive, producing quantities of large bluntly conical berries. The color is glossy rich dark crimson on the surface; the flesh is red and meaty, and of excellent flavor. Its fine flavor and beautiful color make it a valuable berry for the home garden or for market. (See engraving.) Price (pot-grown plants), 50c. per doz.; \$3.50 per 100, \$30.00 per 1000.



BEDERWOOD.

(Early—Perfect Flowering.)

An exceedingly valuable early strawberry. Conceded to be one of the best early berries for home use and worthy of great praise. It is not only very early but immensely productive. The plant is faultless, of healthy, vigorous growth, and an enormous bearer, perhaps equal to any of the pistillate sorts in this respect, the berries are of large size, of regular roundish form, light scarlet of excellent quality, remaining in fruit a long time. We picked berries from it every day for a month last season.

Price (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

CHIPMAN. *(Early to Mid-season—Perfect Flowering.)*

Shown in colors on the back cover.

A new Strawberry from Delaware that is highly thought of. The plant is of strong upright growth with large healthy foliage free from rust or scald.

It is a very prolific bearer of glossy red fruit medium to large in size, a little irregular in form but of the popular old Bubach type, though the Chipman has a perfect blossom, it is a good pollenizer for mid-season pistillates. The berries may not be firm enough for long shipments to market, but for home consumption it is ideal.

Price (pot-grown plants) 60c. per doz., \$4.00 per 100; \$35.00 per 1000.

BUBACH.

(Mid-season—Pistillate.)

Probably the best-known and most popular of all large strawberries. It is a wonder in its season of fruit, completely covering the ground about the plant with large berries. The berries are remarkably large and continue large to the last picking; roundish, slightly flattened and are usually creased on one or both sides, medium firm and quality good; color orange scarlet, ripening well and even. It is certainly the largest yielder of big fruit that grows.

The plant is a beauty, strong, healthy, vigorous; but unfortunately for us a poor producer of runners. It is strictly pistillate and requires some bisexual variety to be planted near to pollenate it.

Price, (pot-grown plants), 50c. per doz., \$3.50 per 100; \$30.00 per 1000.

BRANDYWINE.

(Mid-season to Late—Perfect Flowering.)

The Brandywine Strawberry is one of the well known and well liked reliables. It has been thoroughly tested in many parts of the country and has given universal satisfaction.

The berries of the "Brandywine" are magnificent and of immense size—very firm, solid and shapely for so large a berry. In general it is broadly heart-shaped without neck, occasionally fruits will be found shaped as if two berries were joined together; flesh red to the core, of delightful aroma, rich, juicy, and luscious. The seeds are but slightly imbedded which adds to its firmness. The color is of a rich, dark glossy scarlet. Colors uniformly all over, no white blotches nor green tips, and its large green calyx greatly adds to the attractiveness of the fruit. In productiveness the Brandywine strawberry is truly a marvel, both in size and quantity. The splendid large berries are borne on stiff, stout stems, ripening in succession for a long period, from mid-season until the very latest, holding up its size to the last and every berry coming to maturity. The plants of the Brandywine are remarkably vigorous healthy and hardy, throwing out strong runners, the foliage is of the largest and thickest, entirely free from scald or blemish. Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

CARDINAL.

(Medium Early to Late—Pistillate.)

A magnificent new "long season" strawberry that has been tested for several years and proven "a great berry" adapted to all purposes, all soils and all methods of culture. The plant is of large, healthy growth with luxuriant foliage which shelters the blossoms and fruit. The berries, medium to large in size, are nearly round and run very uniform in shape and size—they are exceptionally beautiful in appearance, colored brilliant, bright red, ripening uniformly with no green nor white tips. The flesh is also as richly red as the surface and of perfect texture, with a sprightly flavor that is temptingly appetizing. (See engraving.)

Price, (pot-grown plants) 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.



CITY OF CHESTER.

This variety originated some years ago in a garden in Chester, Pennsylvania. A few plants found growing in her garden by a lady so impressed her that the plants were sent to her people, near Felton, Delaware. This berry has met with great favor in our local markets, bringing the highest price on Wyoming market for two years in succession. Having tried these berries we now offer them to our customers for the first time, confident that it is among the best large high-color berries. We want to see our friends try the Chester for the largest good all-season strawberry.

Price, (pot-grown plants) 60c. per doz.; \$4.00 per 100; \$35.00 per 1000

CHESAPEAKE.

(Mid-season to Late—Pistillate.)

A splendid grower making just enough runners for a matted row. The plants root deeply, are vigorous and healthy, with large foliage. One of the best in flavor, shape, size, color and appearance. The berries when good and ripe are rather dark like Marshall. They ship well and because of their fine color and exquisite flavor always command a good price.

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

CLIMAX.

(Extra Early—Perfect Flowering.)

A very popular variety in some strawberry growing sections on account of its great and extremely early production of handsome large fruit. The berries are almost round tapering slightly at the tip; the surface is glossy red—the color extending through the flesh—the latter being richly flavored and very juicy making it especially good for short cake, canning, etc., it is a little too soft as a shipping berry for distant markets, but for home use and local trade it is highly recommended. The plants are tall vigorous growers with ample dark green foliage which well protects the fruit.

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

CORSIKAN.

(Mid-season—Perfect Flowering.)

This fine variety has been thoroughly tested among the many kinds of new and old that we offer. It has many points of superiority, being conspicuous for its size, shape, color and quality. In size it is unusually large; shape round inclining to conical, but sometimes slightly flattened. Color crimson, flesh moderately firm and quality extra good. The plant is, vigorous, healthy and a great yielder. We can confidently recommend it for the home garden or market.

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

COMMONWEALTH. (Very Late—Perfect Flowering.)

Shown in color on back cover.

This most valuable very late strawberry was raised by a gentleman in Massachusetts, and is the result of his effort to produce a berry which would perceptibly lengthen the strawberry season. In the "Commonwealth" we have a berry as large as the largest—as productive as any of the large fruiting varieties, and as fine flavored and juicy and as dark colored as any strawberry grown. The berries of the largest size are broadly cone shaped and quite smooth—moreover, it is very late. On the 17th of July as good berries were picked from it as earlier in the season; the last berries were picked July 22 (Marshall, McKinley and Glen Mary grown side by side with it being gone).

The plant is a good strong grower—hardy, shows no sign of rust, and bears a strong staminate blossom. It is exceedingly productive.

The Massachusetts Horticultural Society awarded the "Commonwealth" strawberry first prize over all competitors. (See engraving.)

Price, (pot-grown plants), 75c. per doz.; \$5.50 per 100; \$50.00 per 1000.

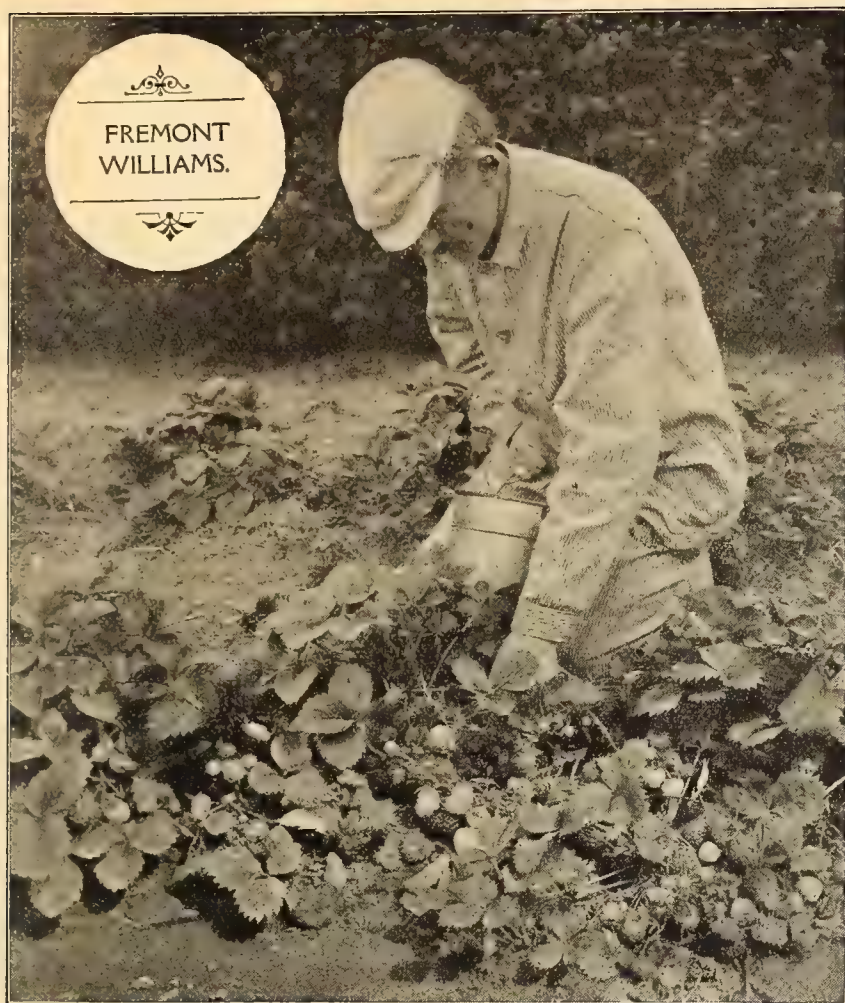
STRAWBERRY CULTURIST.

BY ANDREW S. FULLER.

Containing the history sexuality, field and garden culture of strawberries, forcing or pot culture, how to grow from seed, hybridizing and all information necessary to enable everybody to raise their own strawberries.

Illustrated, 5x7 inches, 6) pages. Flexible cloth. Price, 25 cents.





FREMONT
WILLIAMS.

FREMONT WILLIAMS.

(Late—Perfect Flowering.)

A valuable late variety that is highly recommended by many growers of the North and West both for the home garden and for market. The plants are healthy, of medium size, compact, not subject to rust or mildew and very prolific. The berries are large and uniform, conical in shape and very firm. The surface color is a dark glossy crimson and that of the flesh light red. The flesh is of fine texture and the flavor all that could be desired. The calyx is large and separates readily from the fruit making it easy to hull. (See engraving.)

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

FENDALL. (Mid-season to Late—Perfect Flowering.)

This new candidate for popular favor is a seedling of the splendid variety —Wm. Belt. The merits of the Fendall are great vigor of plant, splendid root-system, wonderful productiveness, large size of fruit, fine flavor and length of bearing season. The berries are perfect beauties, rich red in color, smooth and glossy, with long stems and large showy caps. In size the berries are not surpassed by those of any other variety grown while the flavor is superior to that of most large fruited sorts. The plants root so deeply, the roots going 10 to 12 inches in the ground, that they are but little influenced by droughts—yielding a good crop when most other sorts are shy under this condition. The length of bearing season is unusual—berries picked from June 2 to July 10 is its record.

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

GANDY. (Late—Perfect Flowering.)

One of the best late strawberries ever introduced. Strictly fancy. The fruits are uniformly large and perfect in form and firm. Color, bright crimson and as glossy as if varnished. It has a large bright green calyx, which greatly adds to the beauty. This is one of the latest and best flavored berries we have. The quality is all that can be desired, giving out a most delicious aroma suggestive of both strawberries and peaches. It ripens from late to very late. The plants are very vigorous growers. In well-fertilized soil this berry is a big yielder.

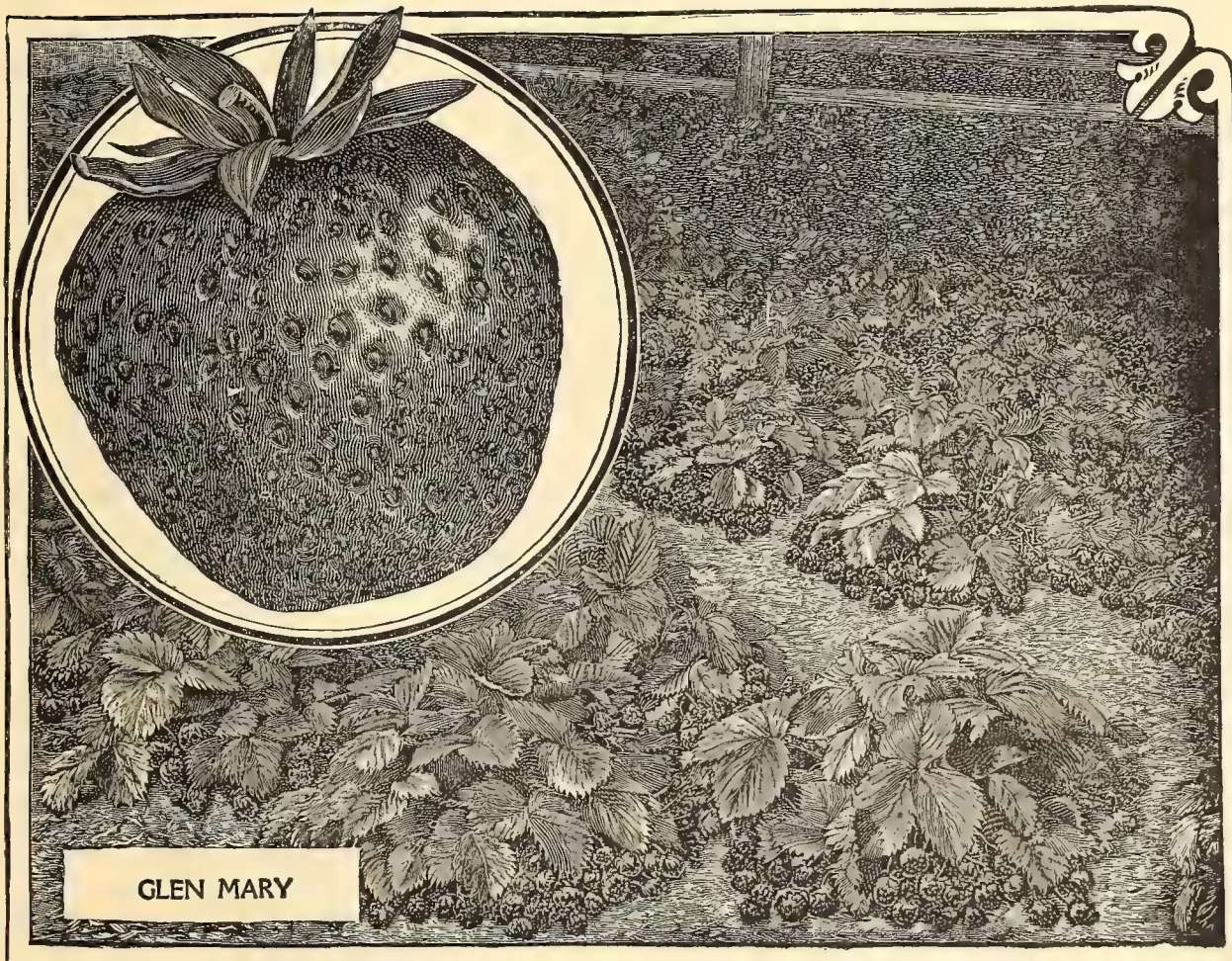
Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

GLEN MARY.

(Mid-season—Perfect Flowering.)

This is one of the best strawberries for large size, good quality and large yield that has ever been offered to the American people and in these three respects we believe it has no equal. We especially recommend it for the home garden and nearby markets. In productiveness it is unsurpassed—last season a quarter of an acre plot yielded 1280 quarts at one picking, and over 12,000 quarts were gathered during the season from one acre and this without any special petting or culture. In size the berries average extraordinarily large, twelve specimens will fill a quart; the size holds up well until the end; in shape the berries are broadly heart-shaped often winding at the tip; color dark glossy crimson fairly firm and of excellent quality; plant strong and healthy. (See engraving.)

Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.



Our Leaflet on "STRAWBERRY CULTURE" Mailed free to those requesting it when ordering Strawberry Plants.

Remember Henderson's Pot-Grown Strawberry Plants set out this Summer will bear a full crop next Spring.



GREAT RUBY.

(Mid-season to Late—Pistillate).

This seedling strawberry has proven to be one of the finest varieties ever introduced. It has become a popular favorite with growers and consumers of strawberries. The healthy, vigorous growth, remarkable productiveness, immense size, handsome uniform shape, deep lustrous crimson color, and, above all, the rich luscious flavor combined with the delightful aroma render Henderson's "Great Ruby" peerless among strawberries. It commences to ripen soon after the early varieties, and bears until nearly all others are gone.

The luxuriant growth of the plant and its remarkable deep-rooting qualities enable it to produce beautiful large berries even during a dry season, when other varieties are withered and fruitless. (See cut).

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

Remember: Henderson's Pot-Grown Strawberry Plants will bear a full crop next season.

MASCOT.

(Late—Perfect Flowering).

A new late sort of unusually large size and productiveness. It has been thoroughly tested in southern Delaware where it has grown in popularity each year. Season same as Gandy, lasting longer and usually producing a much larger crop of equally good berries. The large uniform berries have a delicious flavor and stand shipping well. The plant is a thrifty grower making a great mass of roots. This variety has been found to do well on land too dry for Gandy.

Price, (pot-grown plants, 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

HERITAGE.

Mid-season to Late—Perfect Flowering.

This seedling, a New Jersey production has been grown by the originator and some of his neighbors since 1903. The prominent merits of the Heritage Strawberry are: The plant is very large of extremely heavy texture—single crown plants often carrying foliage with a spread of 20 to 22 inches. It is very deep rooting—drought and disease resisting and a prodigious yielder—from mid-season until very late of unusually large and beautiful berries of a dark shining crimson color and round tapering conical in shape.

A large heavy green calyx adds to its beauty and desirability as a table berry. The flesh is solid of fine texture and its delicious flavor is unsurpassed.

For the home garden the Heritage Strawberry is unsurpassed—it makes fine fruiting beds, the large berries—16 to 18 fill a quart box—hold up in size to the very last. While for market it is a wonder—yielding 8000 quarts per acre under favorable conditions—and even in poor seasons has never yielded less than 6000 quarts per acre. (See cut).

Price, (pot-grown plants), 60c., per doz.; \$4.00 per 100; \$35.00 per 1000.





MISSIONARY.

(Early—Perfect Flowering.)

This fine variety originated in Delaware. It is very early and very productive. The plants are large and vigorous. The berries are broadly conical and very uniform in shape and size; of a dark rich red and as glossy as if varnished. The flesh is firm, fairly juicy and red to the core. Calyx separates readily from the fruit so that it is easily hulled.

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

MARSHALL.

(Mid-season—Perfect Flowering.)

The berries are very beautiful and average extraordinarily large—often 14 fill a quart measure. As an exhibition berry and for home use it is peerless—it captures the prize wherever exhibited, almost without exception. It is the first of the extra large berries to ripen, and although of great size, the fruit is rarely ever mis-shapen. The color is a rich glossy crimson that everyone admires—the surface color running well into the flesh, and the quality is far above the average. As to productiveness, it will not yield as large a number of berries as some varieties, but when measured in quarts or bushels, will be above the average. The plant is faultless, a strong grower, often standing 20 to 22 inches high, rooting deeply and standing drought well. The large luxuriant foliage is sufficient to protect the blossom from late frosts. (See cut). Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

MICHEL'S EARLY.

(Perfect Flowering—Extra Early.)

Michel's Early is one of the earliest varieties in cultivation that will produce a full crop of berries. It is a robust grower, with never a trace of rust or mildew. It yields bountifully; berries medium to large, handsome, regular conical form, color light scarlet, flavor exquisite. It is a fine sort to pollinize early pistillates. Price, (pot-grown plants,) 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

New York

(Mid-season—Perfect Flowering.)

This is the strawberry, a seedling of Bubach and Jessie raised by a New York lady, that captured the prize of \$100 in gold offered for the best and largest variety. The plant is an unusually robust grower, making but few runners, throwing its strength and vigor into the magnificent berries, which, in consequence, are produced in great abundance and are of immense size, sometimes measuring over seven inches in circumference. In form they are very handsome and regular, of a rounding conical shape. Color—crimson-scarlet dark, rich and inviting, coloring all over leaving no green tips. The flavor is deliciously rich and melting. For a family strawberry the "New York" is eminently adapted, but its large size and delicate texture would possibly prevent the berries from arriving in good condition in distant markets. (See cut). Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

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STRAWBERRY CULTURIST

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Containing the history, sexuality, field and garden culture of strawberries, forcing or pot culture, how to grow from seed, hybridizing, and all information necessary to enable everybody to raise their own strawberries.

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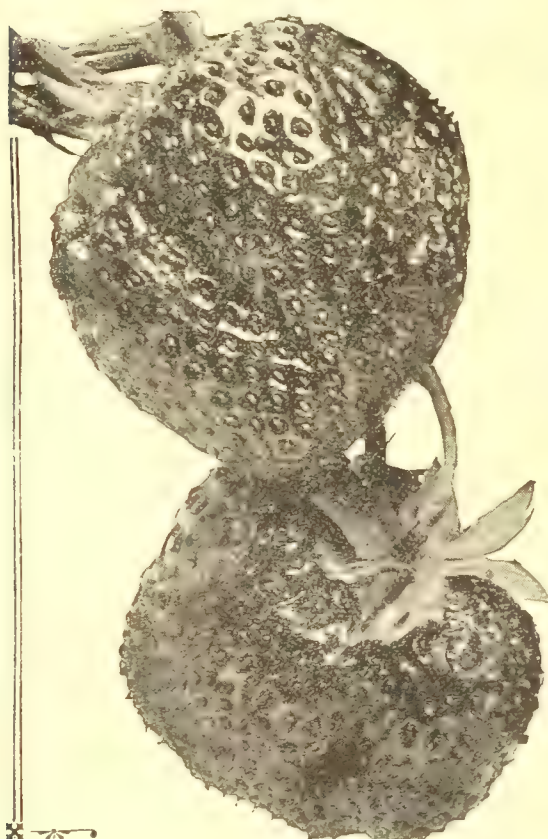


RELIANCE.

(Mid-Season—Perfect Flowering.)

The fruit resembles the "Mary" in shape, but larger and heavier. It is remarkably uniform in shape for such a large berry. The quality is unsurpassed, juicy, luscious, solid to the center, the flavor being what is generally known as "mild." The color is dark crimson, very glossy and attractive, remarkably even all over the berry, never showing a white tip. The growth is excellent, large, deep green, handsome foliage. The fruit is borne on strong stalks and in great profusion.

Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.



NEW STRAWBERRY SAMPLE

NICK OHMER.

(Perfect Flowering—Mid-Season.)

A berry of Ohio origin and named after the Ex-President of the Ohio State Horticultural Society. The plant is very large and stocky, sending out plenty of very strong runners. It is probably not surpassed in healthy, vigorous growth and great productiveness by any variety. It has a perfect blossom.

The fruit is of the very largest size, a giant among strawberries. It is never mis-shapen. Its only departure from the regular, roundish, conical form is when, under high culture, it is somewhat triangular. It is dark glossy red, firm and of excellent flavor. (See cut.)

Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

NORWOOD.

(Medium Early to Mid-Season—Perfect Flowering.)

(Shown in color on the back cover.)

A Massachusetts production said to be a cross between Marshall and Corsican. The plant is large and vigorous, bearing for a long season enormously large berries generally rounded conical in form though sometimes flattened. The color is bright rich red from surface to center and the quality excellent. Juicy and of a pleasantly mild sub-acid flavor. Calyx small and easily hulled.

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

EARLY OZARK.

(Extra Early—Perfect Flowering.)

(Shown in color on back cover.)

A very promising new strawberry from Missouri. It is a cross between the popular varieties Aroma and Excelsior. The originator says "it is the largest extremely early berry ever introduced ripening with the small "Michel's Early" and as big as the late large fruiting sorts;" 15 berries of Early Ozark often fill a quart basket."

The berries are almost round and bright red in color. The plant is a grand grower with healthy large dark green leathery foliage, and exceedingly prolific. (See cut.)

Price, (pot-grown plants), 60c. doz.; \$4.00 per 100; \$35.00 per 1000.



EARLY OZARK

SHARPLESS.

(Mid-Season—Perfect Flowering.)

An old variety, but still one of the most popular. Plant exceedingly vigorous and hardy, enduring both heat and cold without injury. Very productive. Fruit extra large, light crimson, firm and good quality. A profitable and reliable variety for either market or home.

Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

SAMPLE.

(Late—Pistillate.)

This comparatively new and splendid variety has won great popularity. It is one of the very best late fruiting pistillate strawberries in cultivation. The plant is a large healthy grower making a great mass of roots, insuring it against both drought and frost. It is a big producer of very large roundish berries, holding up well in size to the end of the strawberry season. The berries are of a rich dark red color clear to the center and of unsurpassed quality. (See cut.)

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

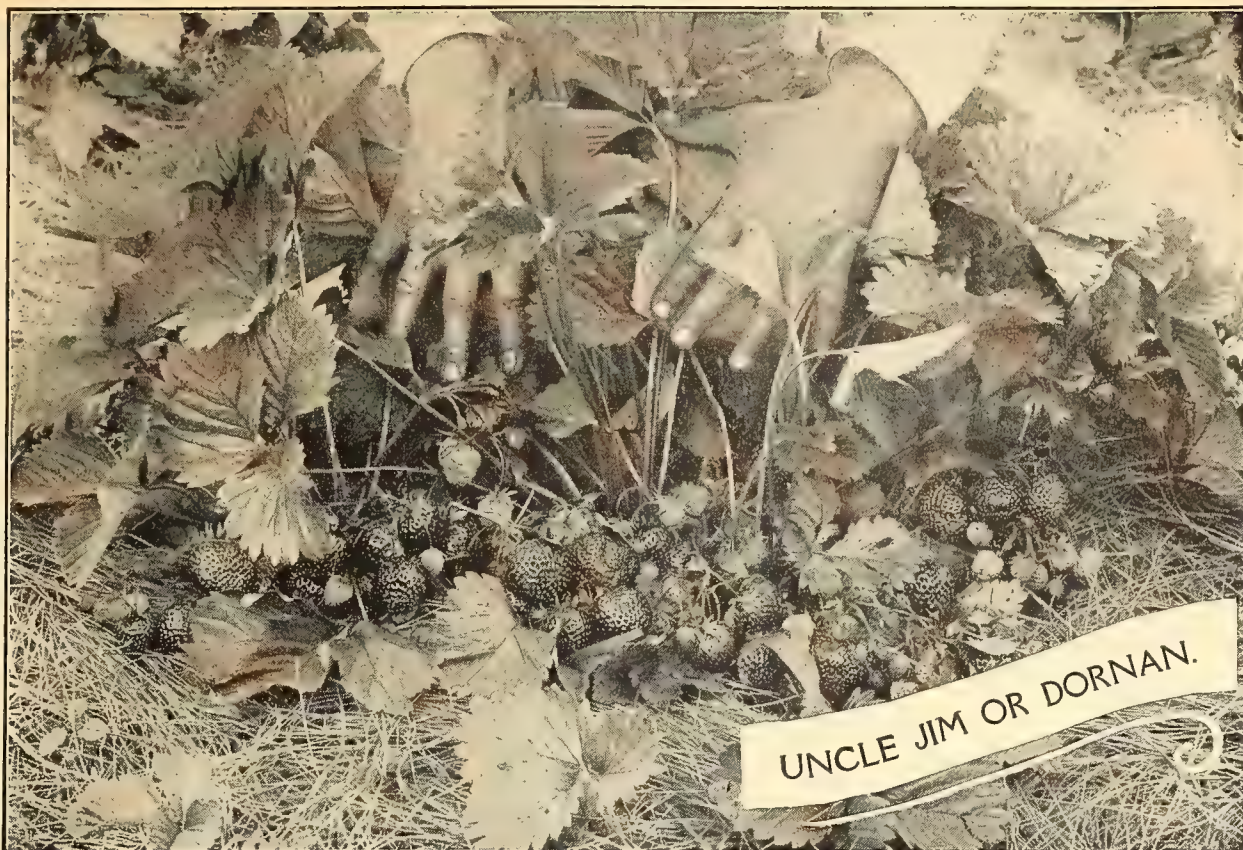
Our leaflet on STRAWBERRY CULTURE mailed free to those requesting it when ordering Strawberry Plants.

UNCLE JIM OR DORNAN.

(Mid-season to late—Perfect Flowering.)

A western strawberry that is attracting much attention for its superior merits. Plants unusually robust with large healthy foliage. It is a remarkable drought resister and a big and reliable producer of extra large berries—very uniformly heart shaped—of a bright beautiful red color and of high quality. It is claimed by the introducer that the fruit brings 25 per cent more in the Chicago market than any other variety—on account of the large size, handsome appearance and fine quality of the berries, 12 selected berries often filling a quart measure heaping full. It was named "Uncle Jim" by the Chicago commission merchants, in honor of its introducer, Mr. James F. Dornan, but the Michigan State Horticultural Society thought the name not a good one and had registered it as "Dornan." So this variety is now known under both names for above reason. (See engraving.)

Price, (pot-grown plants), 60c. doz.; \$4.00 per 100; \$35.00 per 1000.



Steven's Late Champion.

(Late—Perfect Flowering.)

This is a splendid late variety that has won great popularity. One of the latest of the late, it is also one of the best either for the home garden or for market. It is a big producer of fine large, bright colored berries holding up in size well to the very end of the season.

The plant is a large healthy grower, making a great mass of roots, insuring it against both drought and frost. Its very late bloom makes it immune to late spring frosts and it is in full fruit when most other varieties have entirely finished their fruiting season.

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

Success.

(Early to Mid-season—Perfect Flowering.)

This new early fruiting strawberry is one of the most beautiful as well as the earliest large berry we know of, and although early it holds out well through the strawberry season bringing every berry to perfection; the last berries coming in with the later varieties and almost as large as the first borne. The berries are of larger globular form, slightly, conical, and of a light bright scarlet; the flavor being always fine, mild, sweet and rich. They are a little soft for shipping, but this fact emphasizes their superiority for the home garden. The plant is a vigorous, strong grower, free from rust and abundantly productive. We unreservedly recommend it for the home garden.

Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

WILLARD.

(Mid-season—Pistillate.)

A truly wonderful berry, very large and very beautiful. Its color is that brilliant, glossy red that seems to belong particularly to the Strawberry. The flesh is as red as the surface and delicious in quality. The plant is large and healthy with an abundance of bright, thrifty, foliage, which amply protects the fruit. The fruit ripens all over at once, no white tips.

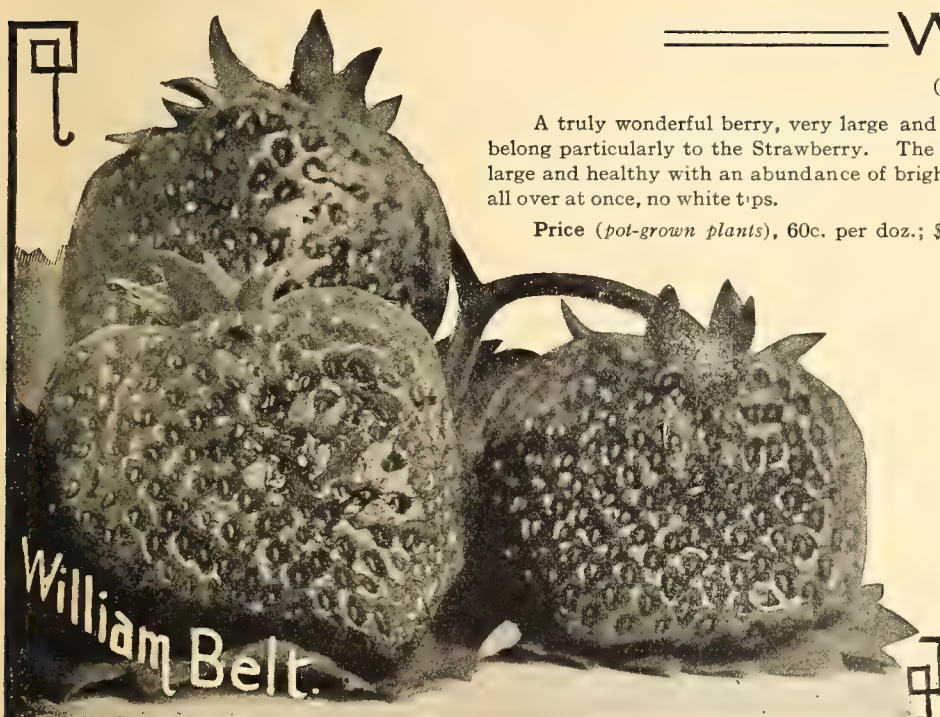
Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

WILLIAM BELT.

(Mid-season—Perfect Flowering.)

A luxuriant grower, healthy and hardy, very productive, and the berries are very large. It has produced many 8-inch berries. Shape rather long, conical and quite uniform. The color is deep glossy red all over. It is as firm as ordinary berries, and of a better quality than is often found in large varieties. All things considered, it is one of the best varieties for the home grower—the flesh is solid and meaty and of a rich crimson to the core. (See engraving.)

Price, (pot-grown plants), 50c. doz.; \$3.50 per 100; \$30.00 per 1000.



HENDERSON'S SUPERIOR CELERY PLANTS.

WE DRAW SPECIAL ATTENTION TO OUR TRANSPLANTED CELERY PLANTS.

HENDERSON'S SUPERIOR CELERY PLANTS usually ready July 1st and up to August 25th. We offer both Seed Bed and Transplanted Plants. The result of transplanting is seen in the dense mass of fibrous roots that these plants possess, and on this account, with ordinary care, they are much safer to transplant, and are more certain to do well. We guarantee arrival of Celery Plants in good condition where sent by express and the journey does not exceed three days.



Henderson's Easy-Blanching Celery.

THE PIONEER OF A NEW CLASS. EASY TO GROW, EASY TO KEEP.

Celery has till now been either self-blanching or "green" early or late. Each class has its defects. For instance, the late or "green" sorts blanch less readily, require comparatively expert attention, and are later in maturing. These defects are quite absent in the self-blanching varieties, the first of which was Henderson's White Plume; but they in turn have the defects of weaker constitution and poorer keeping qualities, and the season in which they can be used is therefore limited. The merits of each class are equally pronounced and well known.

EASY-BLANCHING CELERY belongs to neither of the classes mentioned above, standing distinctly between the two. It has all the merits and none of the defects of either and therefore is practically ideal. It is a vigorous plant of medium height having thick stalks, with shallow ribs. With the slightest handling the outer stalks readily close in on the inner or heart stalks, which partly explain its easy-blanching tendency. Just as soon as the self-blanching varieties are getting past their season Easy-Blanching is at its best, and its keeping quality is so good that it will remain in good condition just as long as the best of the winter sorts. The entire plant is distinct from any other. The general color is pale green faintly marbled with a yellowish tinge—just enough to give the plant a blanched appearance, while the inner leaves and stalks assume and retain a rich golden hue. Its quality is superb. The tender stalks snap clean and brittle, and are quite free from stringiness. The flavor is exquisitely aromatic and spicy. (See cut.) Price Plants from Seed Beds, 15c. per doz., 75c. per 100, \$6.00 per 1000. Transplanted Plants 20c per doz., \$1.00 per 100, \$8.50 per 1000. By Parcel Post at dozen rates.

EARLY SELF-BLANCHING VARIETIES.

Henderson's Silver Self-Blanching. This grand Celery is easily described to Celery experts when we say that it is a **Golden Self-Blanching** plant with **White Plume** coloring; it possesses the robust, sturdy, compact habit of **Golden Self-Blanching**, the stalks being even thicker, with immense solid hearts, brittle, crisp and tender, and of delightful flavor.

Henderson's Perfected White Plume. The earliest variety grown. Can be blanching for the table in September. It is self-blanching variety requiring no "banking up," easily grown by anyone, stalks and inner leaves white, crisp and delicious.

Golden Self-Blanching. A valuable early variety of compact stocky habit thick, solid and brittle. The large heart, thick stalks and inner leaves are of a beautiful golden-yellow; nutty flavor.

Henderson's Pink Plume. Practically identical with "White Plume," with the added merit of the ivory-white stalks being tinged with pink, rendering it most beautiful. Flavor delicious, crisp and nutty.

WINTER KEEPING VARIETIES.

Winter Queen. The finest of all Celeries for winter use. This selection has been bred from Henderson's **Golden Dwarf**, over which it is a grand improvement.

Giant Pascal. A desirable long-keeping green Winter Celery; robust, healthy, stocky, about 2 feet high. It blanches easily to a pearly white and has a fine nutty flavor.

Henderson's Golden Dwarf. A popular standard variety with a large heart and solid cylindrical stalks, blanching waxy golden yellow. A splendid keeper.

Henderson's Dwarf White. Perfectly solid half-round stalks, blanching yellowish-white crisp, tender and of fine flavor.

Boston Market. Solid half-round green stalks blanching white; crisp and tender, habit dwarf and robust.

Giant White Solid. A long-stalked, large growing variety, often 3 feet high and one of the best for growing in the South; excellent for soup greens.

Henderson's New Rose. A splendid variety for late use and an excellent keeper. The color is a beautiful shade of rose. It has a fine flavor, solid crisp and stringless.

London Red. A vigorous kind with solid, tender and brittle stalks blanching to white tinged with purplish red. It is an excellent quality and of high flavor.

Plants from Seed Beds.....10c. per doz., 50c. per 100; \$3.50 per 1000

Transplanted Plants.....15c. per doz., 75c. per 100; \$6.00 per 1000

50 plants of one variety supplied at the 100 rate, 500 at the 1000 rate.

We send by Parcel Post at dozen rate, by Express, purchaser paying charges at 100 and 1000 rate.

Henderson's Collections of Celery Plants.

BY EXPRESS ONLY, BUYER PAYING CARRIAGE

The peculiarity of the self-blanching Celeries is that they will blanch naturally without the laborious banking up necessary in blanching other sorts. They are as easy to grow as any other vegetable. If the stalks are drawn together when the plant is three-fourths grown and the soil pressed around the plant it will soon be fit for use. Boards are sometimes placed close up to the plants, but the result is not so satisfactory as by contact with the earth.

Full directions are given in our pamphlet on Celery Culture which will be sent free if asked when order is sent.

EARLY SELF-BLANCHING VARIETIES.

Silver Self-Blanching, White Plume, Golden Self-Blanching, Pink Plume,

Collection A	200 strong seed bed plants 50 each of the above 4 kinds	\$1.00
Collection B	200 transplanted plants 50 each of the above 4 kinds	\$1.50
Collection C	400 strong seed bed plants 100 each of the above 4 kinds	\$1.50
Collection D	400 transplanted plants 100 each of the above 4 kinds	\$2.50
Collection E	1000 strong seed bed plants 250 each of the above 4 kinds	\$3.50
Collection F	1000 transplanted plants 250 each of the above 4 kinds	\$6.00

SECOND EARLY and WINTER KEEPING Varieties.

Winter Queen, Giant Pascal, Golden Dwarf, Boston Market, London Red.

Collection G	250 strong seed bed plants 50 each of the above 5 kinds	\$1.25
Collection H	250 transplanted plants 50 each of the above 5 kinds	\$1.75
Collection I	500 strong seed bed plants 100 each of the above 5 kinds	\$2.00
Collection J	500 transplanted plants 100 each of the above 5 kinds	\$3.25
Collection K	1000 strong seed bed plants 200 each of the above 5 kinds	\$3.50
Collection L	1000 transplanted plants 200 each of the above 5 kinds	\$6.00

Our Leaflet,

Celery Culture for Home and Market,

Including Winter Keeping, Combating Diseases, etc., Free to Customers if asked for.



HENDERSON'S AUTUMN KING CABBAGE.



BRUSSELS SPROUTS



HENDERSON'S SNOWBALL CAULIFLOWER.

VEGETABLE

PLANTS

FOR SUMMER PLANTING.

Ready from June 15 to August 1st. We make no charge for packing vegetable plants, but purchaser pays the transit charges. They can only be forwarded by express.

CABBAGE PLANTS

PRICES FOR ALL VARIETIES OF CABBAGE OFFERED BELOW \$3.50 per 1000, 50c. per 100.

By express only, at buyer's expense.

Autumn King, Henderson's. The acknowledged "King" of all Winter Cabbages, producing enormous solid heads weighing 25 to 30 lbs.; interior crisp, close, fine grained and white; splendid keeper, an entirely distinct variety with such small outer leaves that it can be planted much closer than the ordinary late sorts and be relied upon to produce a greater weight of crop per acre than any other variety. The heads are of that desirable dull green shade. The texture and quality is unsurpassed. "The Sweetest Cabbage ever eaten." It has successfully stood the most severe of all tests, the competition of the market stand, and is prized and relied on by prominent growers in all sections of the country.

Holland or Danish Ball Head. This type of winter Cabbage has become very popular of late years on account of its unequalled keeping qualities as well as for the great solidity and weight of the heads; it is strong and vigorous in growth, a little "leggy" but producing large, round, compact heads exceedingly hard and solid, weighing when trimmed, fully one-fourth more than any other Cabbage of equal size; in consequence, it keeps in fine condition until spring. For boiling, slaw, sauerkraut, etc., it is unsurpassed, being crisp, tender and sweet. It seems to grow luxuriantly on all soils and under most conditions, withstanding hot, dry weather, and does not rot from the effects of wet seasons, and the heads do not burst.

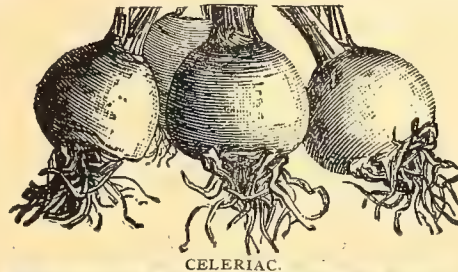
Henderson's Succession. By experts it is pronounced the most perfect type of cabbage grown; nearly every Cabbage heads up, of a uniformly perfect shape, large and heavy. Although largely grown for midsummer use, it is most valuable as a fall or winter variety, as its firm, solid heads make it an excellent keeper.

Late Flat Dutch, Henderson's Selected. Our improved highly-bred strain of this old favorite Winter Cabbage.

Drumhead Savoy. The quality and flavor of this "Crumpled Leaf" Cabbage is very superior; grown in fall and allowed to be touched by frost it is sweet, delicate and most delicious. It is the largest heading Savoy variety and a general favorite for both home use and market.

Red Dutch. Used almost exclusively for pickling. It is one of the hardiest of all Cabbages.

FOR PRICES OF CABBAGE PLANTS SEE TOP OF COLUMN.



CELERIAC.



DWARF GREEN CURLED SCOTCH KALE.



WHITE VIENNA KOHL-RABI.

CAULIFLOWER PLANTS.

Henderson's Snowball Cauliflower is the standard everywhere for quality with the market gardener and the amateur. While originally recommended and used as an early variety, it has not only supplanted all other sorts for early spring planting, but it has largely driven out the large late sorts for fall use, being much finer in quality, and the one Cauliflower that is absolutely certain to head when conditions are ordinarily favorable, invariably forming a perfect snowwhite head, averaging not less than 9 inches and often attaining a size of 10 to 12 inches in diameter, and the "flower" is so compact, so deep and solid that the heads will out weight those of any other strain. Price of plants, \$7.50 per 1000; \$1.00 per 100. By express only at buyer's expense.

MISCELLANEOUS VEGETABLE PLANTS.

ALL OF THE UNDERMENTIONED \$4.00 PER 1000, 50c. per 100.

By express only, at buyer's expense.

Celeriac, or Turnip-rooted Celery. Large Smooth Prague. Produces large turnip-like roots which keep well for winter use; it is highly esteemed either cooked, for flavoring soup or sliced and used as a salad. The bulbs are almost round, uniform, smooth skinned and free from side roots.

Kohl-Rabi. Early White Vienna. A bulbous-formed vegetable; when cooked, before fully grown, is tender and excellent, combining the flavors of Cabbage and Turnip. Large, quick-growing, greenish-white skin and tender white flesh.

Brussels Sprouts. Dwarf Improved. This variety is a great improvement, being of dwarf, sturdy growth and producing abundantly, large solid sprouts. These little heads of compactly folded leaves develop along the stalk, and are ready for gathering from June-sown seeds the same season, furnishing a supply of this most delicious of vegetables during fall and early winter, for the plants are hardy and maintain their sprouts, even during quite severe weather; in fact, frost greatly improves their quality and flavor.

Kale, or Borecole, Dwarf Green Curled Scotch. Largely grown for supplying "greens" during the fall, winter and spring; used small, like Spinach; also useful in garnishing. The plants are hardy where the temperature does not fall to zero, frost improves the quality.

Brown German Curled, or Purple. Purplish, curly leaves.

HENDERSON'S SUPERIOR VEGETABLE SEEDS

FOR SUMMER SOWING

YOU CAN HAVE FRESH VEGETABLES FROM YOUR GARDEN UNTIL FROST BY SUCCESSIVE SOWINGS

DOUBLE THE OUTPUT OF YOUR VEGETABLE GARDEN BY SOWING ADDITIONAL CROPS THIS SUMMER.

MANY SUMMER SOWN VEGETABLES YIELD LARGER AND BETTER PRODUCTS THAN SPRING SOWN

The possibilities of your vegetable garden have not been by any means exhausted when you have raised one crop of vegetables. You can raise a host of good things for the table from now onwards, until frost ends garden operations. It is a fact, noted by a keen observer who travels much in New York, Pennsylvania, New Jersey, Massachusetts and Connecticut, that some of the thriftiest vegetable gardens are planted after June 1st. There is no doubt that many varieties of vegetables yield larger crops from summer sown seed, than from spring sown seed, because the weather prevailing at the time the young plants attain any size is exactly suited to their requirements, and they are able to grow and complete their development without check.

Keep on sowing rows of Beets until August, as they are always welcome on the table, and store well for winter.

Plant Bush Beans now and at other times up to the 1st of September, and you will reap additional harvests of sweet, tender pods. Note the engraving below, showing a bountiful crop of Bush Beans. It was made from a photograph sent to us by a customer, who planted this his second crop on July 25th and made the first pickings from it on Sept. 20th. Sow Sweet Corn every two weeks until July 15th. There are many other varieties of sweet corn in our list classed as "early," which mature quickly. The early part of June is the time to sow Cabbage seeds for plants to set out for the winter crop, or we sell plants ready for setting out (see page 13). Now is the best time in all the year to sow seeds of root crops, such as Carrot, Turnip and Ruta Baga. Sow Ruta Baga in June and Carrot and Turnip in July. The weather prevailing soon after the young plants attain their true leaves is usually favorable to them, and they grow right on without a check, consequently they are tender and palatable. For your health's sake do not omit to put in more rows of Lettuce, indispensable and necessary in every home. Seeds may be sown up to Aug. 15th. Black Seeded Simpson and the curled varieties are the best to plant as they are great heat resisters. Don't waste any ground, but in odd corners sow Radish at any time up to September. Early White Summer Turnip succeeds well at this time.

Besides those specially mentioned, there are many other seeds which may be sown during the summer with every assurance of reaping bountiful crops. These are listed in the following three pages of this catalogue.

The varieties listed as "early" should be chosen as a rule, because they mature more quickly than the varieties listed as "late."

LIST OF VEGETABLES FOR ADDITIONAL SOWINGS FROM JUNE 1st ONWARDS.

VARIETIES.	Dates up to which they may be sown.
Beans Dwarf or Bush.....	Every two weeks until September
Beets.....	June to August 15th.
Brussels Sprouts.....	June (in seed bed).
Cabbage.....	Early June.
Cauliflower.....	Early June
Carrot.....	July to August 15th.
Celery.....	Use plants (see page 13)
Corn, sweet.....	Every two weeks until July 15th.
Cress, Garden.....	Every two weeks until September.
" Water.....	August.
Cucumber.....	July 15th.
Endive.....	July to August 1st
Kale.....	June.
Kohl-Rabi.....	July 15th.
Lettuce.....	August 15th.
Mustard.....	Every two weeks until September.
Peas.....	July to September 15th.
Potatoes.....	June 4th.
Pumpkin.....	June.
Radish.....	Every two weeks until September.
" Winter.....	August.
Ruta Baga.....	June;
Spinach.....	August to September 15th.
Swiss Chard.....	Every four weeks until September.
Tomato.....	Set out plants.
Turnip.....	July 1st to Sept. 15th.

On pages 12 and 13 we offer a full list of Vegetable Plants. These are ready to be shipped from June 15th onwards.



A CUSTOMER'S SECOND CROP OF BUSH BEANS PLANTED JULY 25TH, PICKED SEPT. 20TH.

HENDERSON'S TESTED VEGETABLE SEEDS.

Vegetable seeds purchased in packets, ounces, quarter pounds and pounds are mailed free. Purchaser pays transportation on Beans, Peas and Corn by the pint and over. Postal weight 1 lb. per pint.

Weight limit.—The weight limit within the 1st and 2nd Zones is now fifty (50) pounds, within the other Zones the weight limit is twenty (20) pounds and the size limit eighty-four (84) inches for combined length and largest girth.

IMPORTANT.—In remitting postage always add it to the foot of the order as a separate item—this will help to avoid mistakes.

Your local postmaster will inform you what Zone you are in from New York City, if you are in doubt, and you can add for postage accordingly.

DOMESTIC PARCEL POST RATES

Within the U. S. and Possessions.

						First Pound (over 8 oz. rates 1 lb.)	Each Additional Pound or fraction
First	Zone within	50	miles of New York City.			5c.	1c.
Second	"	50 to 150	"	"	"	5c.	1c.
Third	"	150 " 300	"	"	"	5c.	2c.
Fourth	"	300 " 600	"	"	"	7c.	4c.
Fifth	"	600 " 1000	"	"	"	8c.	6c.
Sixth	"	1000 " 1400	"	"	"	9c.	8c.
Seventh	"	1400 " 1800	"	"	"	11c.	10c.
Eighth	" all over	1800	"	"	"	12c.	12c.

BEANS. (1 quart to 100 feet of drill, 1 bushel per acre in drills)

PRICES					
Beans are not delivered free. For Parcel Post Zone Rate see above. Postal weight 1 lb per pt.)					
Pkt.	Pt.	Qt.	4Qts.	Pk.	
DWARF or BUSH, GREEN PODDED.					
Bountiful Henderson's. A continuous bearer; stringless.	15	30	50		
Earliest Red Valentine, Henderson's. The standard snap bean.	10	20	35	1.20	2.25
Hodson Long Green Pod. Yields enormous crops.	10	20	35	1.20	2.25
Refugee or 1,000 to 1. The most popular bean for a late crop.	10	20	30	1.10	2.00
Refugee Extra-Early. Exceptionally free from string.	10	20	35	1.20	2.25
BEANS, DWARF or WAX PODDED.					
Golden-Eyed Wax. An early, variety, free from rust.	10	25	45	1.60	3.00
Golden Wax Improved. The standard flat, wax-podded variety.	15	30	55		
Hodson Long Pod Wax. Extremely tender and of fine quality.	10	30	50	1.85	3.50
Delivered free in the U.S. (excepting otherwise noted.)					

PRICES				
(1 oz. to 50 feet of drill; 5 lbs per acre in drills.)				
Pkt.	Oz.	½Lb.	Lb.	
BEET.				
Detroit Dark Red. Best for summer sowing, and for winter use.	10	20	55	2.00
Dewey's Improved Blood Turnip. Handsome, smooth and round.	5	15	45	1.50
Early Model. Perfect for table use, very tender.	10	20	60	2.25
Egyptian. A standard extra-early sort.	5	15	45	1.50
Electric. A very quick growing variety, color rich red, globular in form.	10	20	60	2.25
Half Long, Henderson's. Free from woody fibre.	5	15	45	1.50
Long Smooth Blood-Red. An excellent late variety	5	15	45	1.50

PRICES				
(1 oz. produces 2,000 plants; ½ lb. to transplant for an acre.) (FOR CABBAGE PLANTS SEE PAGE 13.)				
Pkt.	Oz.	½Lb.	Lb.	
CABBAGE.				
Charleston Wakefield Henderson's. Large variety.	10	40	1.25	4.50
Early Jersey Wakefield, Henderson's. The original	10	35	1.20	4.00
Early Spring, Henderson's. Earliest flat headed.	10	40	1.25	4.50
Early Summer, Henderson's. The standard.	10	40	1.25	4.50
Succession, Henderson's. Best for general use.	10	45	1.40	5.00
Autumn King, Henderson's. Best for late fall.	10	45	1.40	5.00
Late Flat Dutch, Henderson's Selected.	10	30	90	3.00
Premium Flat Dutch. A standard variety.	5	25	75	2.50
Mammoth Rock Red. A large select strain.	10	35	1.20	4.00
Red Dutch. A popular sort for pickling.	5	25	80	2.75

PRICES				
SAVOY VARIETIES. Grown in fall and touched by frost, they are sweet and delicious.				
Pkt.	Oz.	½Lb.	Lb.	
SAVOY VARIETIES.				
American Drumhead Savoy. The best flavored.	10	40	1.25	4.50
Netted Savoy. Heads large and solid.	5	35	1.20	4.00
CARROT. (1oz. for about 125 feet of drill; 4lbs. for an acre)				
Carentan, Early Half-Long Scarlet. A distinct variety	(Crop failed.)			
Chantenay Half Long Scarlet. Blunt rooted.	10	20	60	2.00
Coreless, Henderson's. Fine table variety.	10	30	85	3.00
Danvers, Half-Long. (Henderson's Selected.)	10	20	60	2.00
Early Scarlet Horn. A popular variety, when pulled young is excellent for soups.	5	20	60	2.00
Half-Long Red, Stump-Rooted. Best for summer.	5	15	45	1.50
New York Market, Henderson's. Handsome and symmetrical, flesh crisp, tender and sweet.	5	15	45	1.50

CORN, SWEET or SUGAR. (1 qt. for 200 hills 8 to 10 qts. in hills for an acre.)

PRICES					
Corn is not delivered free. See Parcel Post Zone Rates above; Postal weight 1 lb. per pint.					
Pkt.	Pt.	Qt.	4Qts.	Pk.	
Cory Early, Red Cob. The best extra-early variety.					
10	15	25	90	\$1.75	
Cory Early, White Cob. Usually fit to use in from 50 to 60 days from planting.					
10	20	30	1.10	2.00	
Early Metropolitan Henderson's. The largest early corn.					
10	25	40	1.25	2.00	
Golden Rod, Henderson's. Large yellow.					
10	20	35	1.30	2.50	
Henderson's "Astor" Sweet Corn. Very early.					
10	20	35	1.30	2.50	
Pocahontas. Early sweet flavored.					
10	20	35	1.30	2.50	
Crosby's Early. A second-early; ears 7 inches long; fine quality.					
10	15	25	90	1.75	
Early Champion. Safe and sure cropper.					
10	20	30	1.10	2.00	
The "Henderson." The best second early.					
10	20	30	1.10	2.00	
Country Gentleman, Henderson's. Most delicious grown.					
10	25	40	1.25	2.00	
Stowell's Evergreen. Large sized ears.					
10	20	30	1.10	2.00	

CORN SALAD

Delivered free in the U.S. (excepting otherwise noted)

Pkt.	Oz.	½Lb.	Lb.	
Large-Leaved, Feticus, or "Lamb's Lettuce."				
Grown for the late fall, winter and spring use.	5	10	25	75
CRESS, or PEPPER GRASS.				
Extra Curled. Crisp, pungent leaves.				
5	10	25	75	
Upland. Flavor somewhat resemble Water Cress succeeds in dry soils.				
10	40	1.25		
Water Cress. Esteemed for salads and garnishing.				
10	35	1.20	4.00	

CUCUMBER. (1oz. for 60 hills; 2 to 3 lbs. in hills for an acre.)

Pkt.	Oz.	½Lb.	Lb.	
Cool and Crisp, Henderson's. Extra early.				
10	20	50	1.50	
Early Cluster. An early, short green variety.				
5	10	30	90	
Early White Spine. A popular standard variety for family use.				
5	15	40	1.25	
Everbearing. Bears fruit until frost.				
5	10	30	1.00	
Extra Early Green Prolific. Ideal for pickling.				
5	10	30	1.00	
The "Henderson" White Spine. The standard Extra early, prolific, best for slicing.				
10	20	60	1.75	
Japanese Climbing. Can be grown on a trellis.				
10	20	50	1.50	
West India Gherkin. Used for pickles.				
10	20	55	1.75	
Livingston's Evergreen. Wonderfully prolific.				
5	10	30	1.00	

ENDIVE. (1 oz. for 100 feet of drill.)

Pkt.	Oz.	½Lb.	Lb.	
"Escarolle" and "Chicoree."				
One of the best salads, especially when blanched; if boiled makes fine "greens."				
Broad-Leaved Batavian. Has large, thick, broad leaves; and forms large hearts.				
5	20	60	2.00	
French Moss Curled. A compact-growing variety.				
5	20	60	2.00	
Green Curled. Best for general use.				
10	20	60	2.00	
White Curled. Finely cut leaves, almost white; can be used without blanching.				
5	20	60	2.00	

Our pamphlet "SALADS—GROWING AND BLANCHING" sent with order if requested.



REFUGEE OR 1,000 TO 1 BEAN.



ECLIPSE BEET



HENDERSON'S EARLY JERSEY WAKEFIELD CABBAGE

HENDERSON'S TESTED VEGETABLE SEEDS

SELECTED
FOR SUMMER SOWING.

—CONTINUED—

KALE, or BORECOLE. (1 oz. for 150 feet of drill.) Largely grown for supplying "greens" during the fall, winter and spring; used small, like Spinach; frost improves the quality.

Dwarf Green Curled Scotch. Sow during June, and transplant for use in fall.

Siberian. Green curly leaves; tender and of delicate flavor.

PRICES
Delivered free in the U.S.
(excepting otherwise noted)
Pkt. Oz. ¼Lb. Lb.

5 15 40 1.20
5 10 30 1.00

LETTUCE. (1 oz. for 3000 plants)

Big Boston, Henderson's. The best head lettuce on earth.

Boston Market, or White-Seeded Tennis Ball. A popular, early, small, compact-heading variety.

Golden Queen, Henderson's. A very desirable first-early variety, and second to none for forcing.

Mammoth Black-Seeded Butter. Similar to, but larger than Black-Seeded Butter, enormous heads tender, sweet and crisp.

New York, Henderson's. Immense heads as solid as a cabbage.

Black-Seeded Simpson. It stands the summer heat splendidly, and is practically everbearing.

Early Curled Simpson. Earlier than head Lettuce; grown in cold frames and the open ground.

Grand Rapids. Beautifully crumpled and curled.

Trianon Cos. Self-folding inner leaves are self-blanching.

10 25 70 2.00
5 15 45 1.50
10 25 80 2.50
10 20 55 1.75
10 25 80 2.50
10 20 55 1.75
5 15 45 1.50
5 20 55 1.75
10 25 75 2.50

Our pamphlet "SALADS—GROWING AND BLANCHING" sent with order if requested.

ONION. (1 oz. for 100 feet of drill; 5 to 6 lbs. in drills for an acre.)

Prizetaker. The largest onion, good keeper.

Round Yellow Danvers. Similar to Yellow Globe except being flatter.

Adriatic Barletta. Extremely early, pure white, mild and unexcelled for pickling.

Bermuda, Red. Large, flat; light red-skinned. Onions of mild flavor.

Bermuda, White. Flat, grows very quickly exceedingly mild in flavor.

Queen. A very early, mild pickle Onion.

10 30 1.00 3.50
5 30 1.00 3.50
10 35 1.10 4.00
10 35 1.10 4.00
10 35 1.20 4.25
10 35 1.10 4.00

PARSLEY. (1 oz. for 150 feet of drill.)

Champion Moss Curled. Densely crimped and curled, dark green leaves.

Emerald, Henderson's. Finely cut mossy leaves.

Extra Double Curled. A popular fine dwarf, beautifully curled sort.

5 15 40 1.25
10 15 40 1.25
5 15 35 1.20

PEAS. (1 quart to 100 feet of drill; 2 to 3 bushels for an acre.)

Peas are not delivered free.
For Parcel Post Zone Rates see
page 15. Postal weight 1 lb. per pint.
Pkt. Pt. Qt. 4 Qts. Pk.

American Wonder. Height, 10 to 12 inches. Extra early; compact growth, wrinkled.

Premium Gem. Height, 15 inches. A fine dwarf Pea of the Little Gem type.

Alaska. Height, 2 ft. A wonderfully early, smooth, blue Pea; pods about 3 inches long, filled with smooth blue-green Peas.

First of All, Henderson's. Height, 2½ feet. The earliest pea grown.

Prosperity, Henderson's. Height 2½ feet. The quickest growing wrinkled pea.

10 20 35 1.10 2.00
10 20 35 1.10 2.00
10 15 25 85 1.50
10 20 30 1.10 2.00
15 30 55 2.00 3.50

PUMPKIN.

(1 oz. for 30 to 50 hills.)

Cheese. The most popular for pies and table use; large, flat-round; creamy-yellow skin; thick, orange flesh of fine quality; a splendid keeper.

Connecticut Field. A productive, large, orange colored, field Pumpkin.

Pkt. Oz. ¼Lb. Lb.
5 10 25 70
5 10 20 50

RADISH.

(1 oz. for 100 feet of drill; 9 to 10 lbs. in drills for an acre.)

Early Scarlet Turnip. The popular standard; rapid grower and of mild flavor.

Rose Turnip, Henderson's.

Early White-Tipped Scarlet Turnip.

Early Round Dark Red.

Rapid Forcing. Small, round, bright scarlet, with white tip; grows quickly.

Red Forcing. Extra-early, maturing in 21 days; round, bright red, very mild.

French Breakfast. A favorite oval-shaped, bright scarlet Radish, with white tip.

Scarlet Olive-Shaped. An oval-shaped variety, maturing in 25 days; flesh-white, crisp and mild.

Long Scarlet Short Top. White mild flesh; grows 6 inches in length; matures in about 25 days.

Long White Vienna, or Lady Finger. Tapering shape, about four inches long, mild and tender; matures in about 25 days.

White Summer Turnip. A flat-round, early summer Radish 2 inches in diameter; white and tender; ready to use in 30 days.

Chartier. A summer Radish, long and handsome top crimson fading to white at tip.

Celestial, or White Chinese. Grows to an enormous size; flesh firm, mild and crisp.

Rose China Winter. A distinct variety, long, skin rosy-red; flesh white, good keeper.

Long Black Spanish. A leading winter variety, one of the best keepers, 7 to 10 inches long; skin blackish-brown; firm white flesh.

Half-Long Black Spanish. Flesh-white, compact and the mildest flavored of this type; goodkeeper.

PRICES
Delivered free in the U.S.
(excepting otherwise noted)
Pkt. Oz. ¼Lb. Lb.

5 10 30 1.00
10 20 60 1.50
5 10 30 1.00
5 10 30 1.00
5 15 35 1.25
5 15 35 1.25
5 10 30 1.00
5 10 30 1.00
5 10 30 1.00
5 10 30 1.00
5 10 30 1.00
5 10 30 1.00
10 15 35 1.00
5 10 30 1.00
5 10 30 1.00
5 10 30 1.00
5 10 30 1.00
10 15 35 1.00

SPINACH (1 oz. for 100 feet of drill; 10 to 12 lbs. in drills for an acre.) (Varieties prefixed* may be sown in the fall in latitude of New York for spring crop.)

***Hardy Winter, Henderson's.** Sow in the fall for winter use. It produces thick and rich green fleshy leaves.

Long Season, Henderson's. Very slow in running to seed.

Long Standing. An excellent, compact variety; thick, fleshy, dark green leaves.

Norfolk, Savoy-Leaved. The best for early fall.

Round-Leaved or Dutch. A standard variety.

***Thick-Leaved, Henderson's.** Produces large, thick crumpled leaves of fine quality.

Victoria. Stands in prime condition long after other varieties have bolted to seed.

***Viroflay, Large Round-Leaved.** Very hardy.

5 10 20 60
5 10 20 60
5 10 20 50
5 10 20 50
5 10 20 50
5 10 20 60
5 10 20 50
5 10 20 50

SQUASH. Summer Varieties.

(Bush varieties, 1 oz. for 50 hills; 5 to 6 lbs. per acre)

Vegetable Marrow Bush. A favorable English variety, bearing freely oblong, yellow fruits 10 to 15 inches in length; flesh, tender, marrowy and delicious. Should be used before fully grown.

White Bush Scalloped. The white "Patty Pan" or "Cymling"; creamy-white skin.

Yellow Bush Summer Crookneck. A bush variety, early and prolific; densely warted.

10 15 40 1.25
5 10 30 1.00
5 10 30 1.00

SWISS CHARD. "Used as greens." A delicious vegetable easily grown.

Crumpled-Leaved. A new variety with closely crumpled leaves.

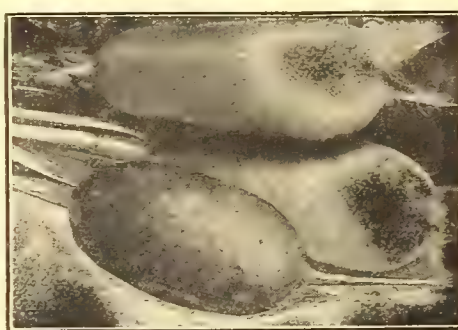
10 20 55 2.00

WITLOOF CHICORY. Called also "French Endive." June-sown seeds produce Parsnip-like roots by November. Dig them, cut the leaves off 1½ inches from the neck, then trench 1½ inches apart and cover with soil 8 inches over the crown; over this is placed a two or 3 foot layer of fresh manure which induces a new growth of blanched leaves folded in the form of Cos Lettuce; these are removed as required during the winter and eaten raw as salad. Complete cultural directions on each package.

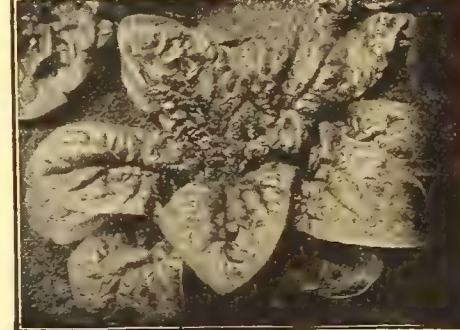
10 30 1 00



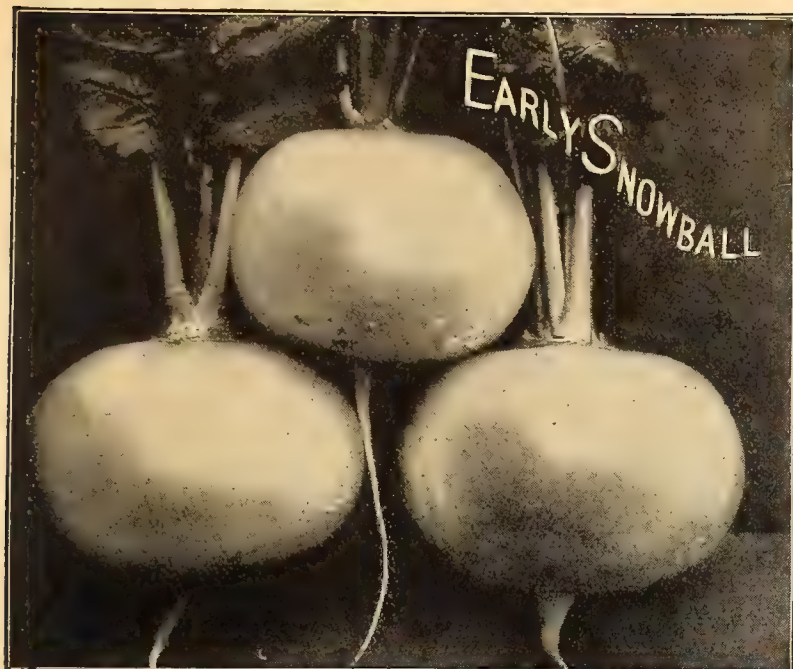
NEW YORK LETTUCE



HENDERSON'S ROCKET RADISHES.



HENDERSON'S THICK-LEAVED SPINACH.



HENDERSON'S SELECTED RUTA BAGAS FOR TABLE USE.

Sow 1 oz. for 100 feet of drill, 2 or 3 lbs. per acre in drills.

Henderson's Long Island Improved.

Bred from the American Purple Top, over which it is a great improvement. It is very much larger, has no neck, and is a remarkably good keeper: the flesh is rich yellow, and of fine quality. Price, 5c. pkt., 10c. oz., 30c. $\frac{1}{2}$ lb., 80c. lb.

Henderson's Golden Heart Ruta Baga.

Invaluable for garden culture, grows as clean and smooth as a Turnip. Both tops and roots are small, so it may stand closer in the row than others, and be sown later in the season. The flesh is fine in grain and of delicious flavor. It's great value lies in its wonderful earliness, as it matures in 56 days from time of sowing. Price, 10c. pkt., 15c. oz., 35c. $\frac{1}{2}$ lb., \$1.00 lb.

"Your Golden Heart Ruta Baga seed came up fine in three days. It is a grand variety." G. M. HULSTAR, Lakewood, N. J. August 6th, 1915.

"Henderson's Golden Heart Ruta Baga is the first I have found to suit this soil and climate. It does not run to leaves and neck as others do." P. S. ARMSTRONG, Beatrice, Neb.

HENDERSON'S SUPERIOR TABLE TURNIPS.

The best crops are raised from summer-sown seeds.

Turnip and Ruta Baga Seeds by the packet, ounce, $\frac{1}{2}$ pound and pound, we deliver free in the United States.

Quantity to sow 1 oz. for 150 feet of drill; $1\frac{1}{2}$ to 2 lbs. in drills per acre.

EARLY SNOWBALL.

The best results are obtained from seed sown in July or August, preferably on a soil that has been manured for a previous crop. Given these conditions, which insure rapid growth, Snowball will produce a most satisfactory crop. Extremely sweet, mild and tender. (See engraving.) Price, 5c. pkt., 10c. oz., 35c. $\frac{1}{2}$ lb., \$1.25 lb.

GOLDEN BALL or "ORANGE JELLY"

This distinct variety is the finest yellow-fleshed early table Turnip that we know, forming a round bulb with smooth, yellow skin and small tap-root. The flesh is a deep yellow, flavor sweet and rich. It is of quick growth and well adapted for summer planting. Price, 5c. pkt., 10c. oz., 25c. $\frac{1}{2}$ lb., 80c. lb.

PURPLE TOP WHITE GLOBE.

A large, globe-shaped variety; white flesh, fine-grained, tender and sweet. It is a true table Turnip and one of the best and is extensively grown and pitted for fall and winter, being a good keeper. Price, 5c. pkt., 10c. oz. 25c. $\frac{1}{2}$ lb. 80c. lb.

EARLY WHITE MILAN.

An extra-early variety of rapid growth making few leaves. It is eminently adapted for summer planting, and if sown at intervals during the cooler months will furnish a continuous supply of the most tender and delicately flavored Turnips. The flesh is fine-grained, tender, and of mild sweet flavor. Price, 10c. pkt., 20c. oz., 60c. $\frac{1}{2}$ lb., \$2.00 lb.

	Delivered free in the U.S.			
	Pkt.	Oz.	$\frac{1}{2}$ Lb.	Lb.
Early Purple Top Milan. The earliest Turnip in cultivation.....	10	15	50	1.75
Early Red Top Strap Leaf. A popular variety of quick growth; round-flat, 4 to 5 inches in diameter; flesh white and of excellent quality.....	5	10	25	70
Early White Flat Dutch. An excellent early, white, flat Turnip; flesh mild	5	10	25	70
Long White, or Cowhorn. A long, white-fleshed Turnip, growing half above ground; it is of fine quality.....	5	10	25	70
Parisian Half-Long White. A small, quick-growing—early variety, 4 to 5 inches long by $1\frac{1}{2}$ to $1\frac{3}{4}$ inches in diameter; skin and flesh pure white, crisp, exceedingly tender and mild in flavor.....	10	15	35	1.00
White Egg. An oval or egg-shaped variety, with smooth, thin, white skin and snowy-white flesh; firm, mild and sweet.....	5	10	30	1.00
Purple Top Yellow Aberdeen. A large, globe-shaped Turnip, with yellow flesh of fine quality; a good keeper; popular for table or stock.....	5	10	25	70
Yellow Globe. A yellow-fleshed, globe-shaped variety, of large size; a splendid winter keeper; excellent for both table and stock.....	5	10	25	70
Yellow Stone. A round, flattened, yellow-fleshed Turnip; popular for both table use and stock feeding.....	5	10	25	70

HENDERSON'S SUPERIOR MUSHROOM SPAWN.

Mushrooms may be grown by any one having a supply of fresh horse manure and a shed or cellar or a space under a greenhouse bench where a temperature of 50 to 60 degrees is evenly maintained. They make a most profitable crop when successfully grown, and our superior Spawn both American and English have given splendid results. It is sold in bricks weighing about $1\frac{1}{2}$ lbs. enough when broken into two inch pieces to plant a bed about 9 square feet. Pamphlet on culture free if requested.

American "Pure Culture" Mushroom Spawn.

It is now possible to reproduce mushrooms for individual specimens, applying the same principles as used in the selection of other plants. The American pure culture Spawn we offer is grown from spores taken from specimens of good form and great substance, and it may be relied on to produce a similar crop. It is sold in flat bricks about $1\frac{1}{2}$ inches thick. One brick may be broken into two inch pieces and placed 12 inches apart, to "spawn" an area of nine square feet. Price, 20c. lb., 10 lbs. for \$1.75, 100 lbs. for \$14.00. Purchaser paying carriage.

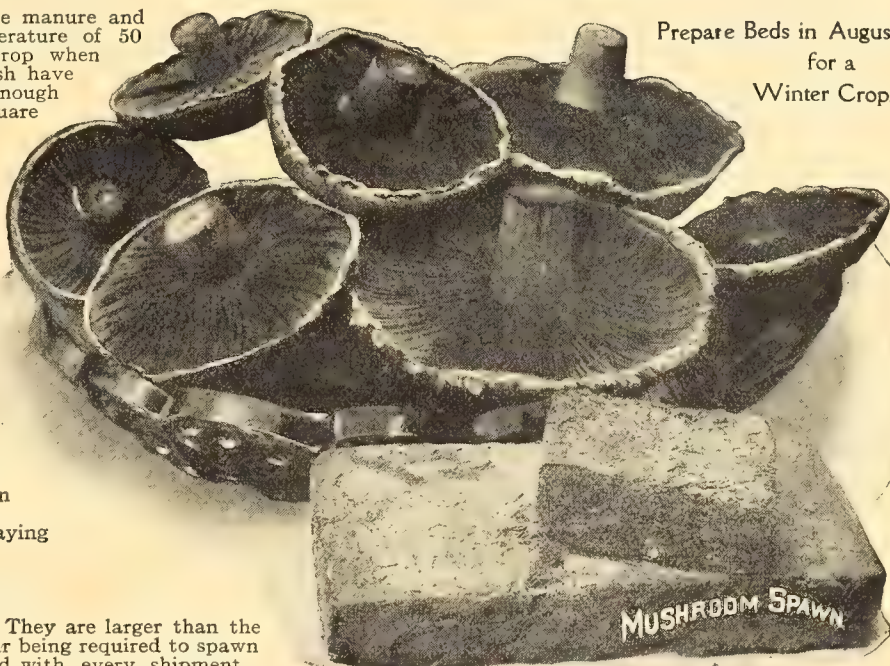
English Mushroom Spawn.

This is the kind that has been in constant use for years and is still preferred by many. In order to insure its freshness, we make frequent importations, and we can confidently recommend our stock. Use in same quantity as "American Pure Culture" described above.

Price, 15c. lb., 10 lbs. for \$1.25, 100 lbs. for \$10.00. Purchaser paying carriage.

French Virgin Mushroom Spawn.

We have found it easy to produce Mushrooms from this spawn. They are larger than the English, and whiter than other sorts. The spawn is sold in tablets, four being required to spawn an area of nine square feet. Special directions for its use are enclosed with every shipment. Price, 15c. each, \$1.50 per doz., \$10.00 per 100. Weight 3 lbs. per doz. delivered in the U. S.



::: A :::
SELECTION OF

FARM SEEDS

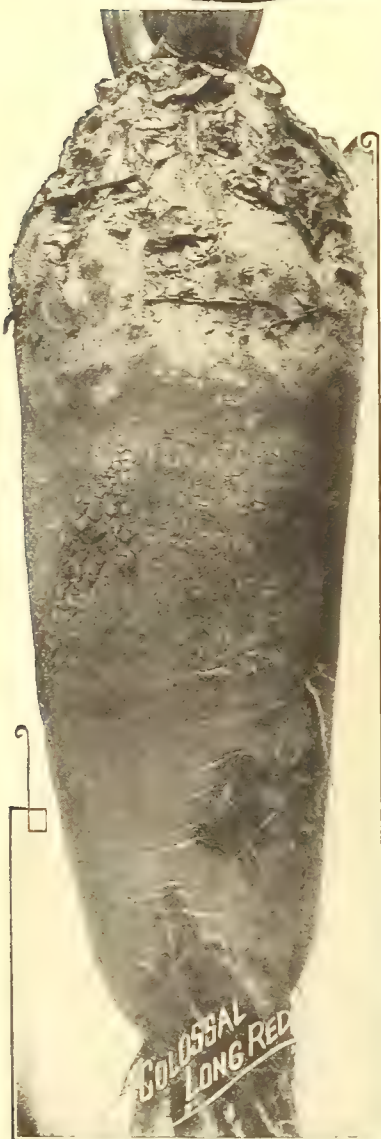
FOR SUMMER
SOWING.

Purchaser pays transportation on Farm Seeds. If wanted by Parcel Post see page 2 of cover for Zone Rates, and add to amount of the order.

SEND FOR
HENDERSON'S

FARMERS' MANUAL

AN UP-TO-DATE CATALOGUE
DESCRIPTIVE AND ILLUSTRATED,
OF HIGH-GRADE
FARM SEEDS
MAILED FREE



MANGEL WURZEL.

MANGEL WURZEL and SUGAR BEETS.

☞ SUMMER IS THE TIME TO SOW. ☞

Mangels are the most important of all root crops for feeding, yielding 20 to 30 tons per acre, and they may be grown in any part of the American continent on fairly good farm land. The best soil for Mangels is friable loam deeply plowed. The ground should be well enriched and the seed sown in drills 24 inches apart in light soil, and 30 inches apart in strong rich land. Thin out the plants to 9 inches apart in the former and 12 inches apart in the latter. Sow 6 to 8 pounds of seed per acre if sown with a drill, or double that quantity if sown by hand. Cultivate with a horse hoe.

Colossal Long Red (Henderson's). A valuable improved and distinct variety. Extra large, long roots; blood-red, very nutritious. Price, $\frac{1}{4}$ lb., 15c.; lb., 55c.; 10 lbs., @ 50c. lb. (See engraving.)

Champion Yellow Globe (Henderson's). Smooth large, round roots; yellow flesh. Price, $\frac{1}{4}$ lb., 15c.; lb., 55c.; 10 lbs., @ 50c. lb.

Giant Intermediate (Henderson's). Big yielder; handsome, large ovoid roots. Price, $\frac{1}{4}$ lb., 15c.; lb., 50c.; 10 lbs., @ 45c. lb.

Golden Tankard. Flesh yellow, thus differing from other varieties; sheep prefer it; heavy yielder. Price, $\frac{1}{4}$ lb., 15c.; lb., 55c.; 10 lbs., @ 50c. lb.

Long Red. Largely grown; large roots of excellent quality. Price, $\frac{1}{4}$ lb., 15c.; lb., 50c.; 10 lbs., @ 45c. lb.

Long Yellow. Differs from the Long Red only in color. Price, $\frac{1}{4}$ lb., 15c.; lb., 50c.; 10 lbs., @ 45c. lb.

Yellow Globe. Large globular roots; good keeper, adapted for shallow soils. Price, $\frac{1}{4}$ lb., 15c.; lb., 50c. 10 lbs. @ 45c. lb.

MANGEL, Half-Long Sugar. A new breed of Mangel. This grand Beet, while not yielding quite so largely as the ordinary Mangel, yet supplies a food much higher in nutritive value. Under similar conditions, its yield per acre is double that of the best Sugar Beet. Price, $\frac{1}{4}$ lb., 15c.; lb., 55c., 10 lb. @ 50c. per lb.

BEET, SUGAR VARIETIES. Sow 6 to 8 lbs. per acre. Valuable both for producing sugar and stock feeding.

White Sugar. Grows to a large size; very nutritious. Price, $\frac{1}{4}$ lb., 15c.; lb., 40c.; 10 lbs. @ 35c. lb.

Vilmorin's Improved White. Contains the highest percentage of sugar; also valuable for stock. Price, $\frac{1}{4}$ lb., 15c.; lb., 45c.; 10 lbs. @ 40c. lb.

Lane's Imperial. An improved variety; very hardy and productive. Price, $\frac{1}{4}$ lb., 15c.; lb., 45c. 10 lbs. @ 40c. lb.

Klein Wanzleben. Heavy yielder and easy to dig. Price, $\frac{1}{4}$ lb., 15c.; lb., 45c.; 10 lbs., @ 40c. lb.

Ruta Bagas, Russian or Swedish Turnips FOR STOCK FEEDING.

☞ SUMMER IS THE TIME TO SOW. ☞

RUTA BAGAS come next to Mangels in importance for stock feeding purposes and can be sown much later. They grow very rapidly and yield from 25 to 35 tons per acre, in good rich deep soil, with proper cultivation. The Ruta Bagas proper should be sown in this latitude from May 25 to June 25. If sown at the time mentioned, they should be sown in rows, 30 inches apart, and the plants thinned with a hoe to 12 or 14 inches apart, but if sown a month later, they can be grown one-third closer both in rows and between the plants. Sow 2 or 3 lbs. per acre.

LONG ISLAND IMPROVED PURPLE-TOP. It is perfectly hardy. In a fair test on several Long Island farms, alongside some of the best European and American varieties, it produced almost twice the weight per acre of any other variety. As a winter food for live stock the Ruta Baga has a wide range of adaptation, and is found at its best where the weather is moist and cool. 20c. per $\frac{1}{4}$ lb., 65c. per lb.

IMPROVED AMERICAN (PURPLE-TOP). An old leading variety; very hardy and productive; flesh yellow, solid, sweet and fine-flavored; equally good for stock or table use. 20c. per $\frac{1}{4}$ lb., 55c. per lb.

LAING'S IMPROVED. One of the earliest of the Ruta Bagas; keeps well; good for stock or table use. 20c. per $\frac{1}{4}$ lb., 65c. per lb.

LARGE WHITE FRENCH. Flesh firm, white and solid; attains a large size, and has a very rich and sweet flavor; a very popular variety. 20c. per $\frac{1}{4}$ lb., 65c. per lb.

MILLET. FOR SUMMER SOWING.

The Best Summer "Catch Crop"

Milletts are valuable as "catch" or "stolen" crops, especially in seasons when the hay crop is short. They are annuals, and grow rapidly, usually being ready for cutting in six weeks from seed sowing, and they withstand severe droughts generally remaining green when other crops are parched up. If cut when in blossom, Milletts cure into excellent hay; if allowed to ripen they become too woody. Sow from May 1st to August 1st.

HUNGARIAN MILLET.

Is the quickest of catch crops for hay, and may be sown any time up to middle of August; it is invaluable for over-coming a shortage of the regular hay crop. Many farmers now occupy their land with other crops, and for their hay depend entirely on Hungarian Grass, which they can sow after other crops have been harvested. Sow 1 bushel per acre. \$4.50 bushel of 48 lbs.; 10 bushels and upwards, \$4.40 per bushel. (See engraving.)

GERMAN OR GOLDEN.

This variety is considerably larger than Hungarian and yields a much heavier crop, but is later and not so quick growing, consequently cannot be sown much after the fourth of July in this latitude.

Our seed is specially grown and selected, and will produce nearly double the crop of seed not so grown which can be offered at a cheaper price. Sow one bushel per acre. \$3.00 bushel of 50 lbs.; 10-bushels and upwards, \$2.90 bush.

JAPANESE MILLET.

Entirely distinct from any other Millet, grows 6 to 8 feet high and produces an enormous crop. It yields from 10 to 12 tons green fodder per acre. When cured it makes excellent hay, and its feeding value is superior to corn fodder being much relished by all kinds of stock, whether green or cured. If to be made into hay, cure as you would a heavy crop of clover.

This Millet does not endure drought well, except it be sown early in rententive soil, and it is not recommended for the Southern States, but north of Washington we confidently recommend its general cultivation.

Sow from the middle of May to the 1st of July, broadcast at the rate of 15 lbs. per acre, but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 lbs. per acre, and hoe between the rows to keep down all weeds, until the plant attains a height of 12 to 18 inches, when its rapid growth will smother all weeds. Price, 15c. lb. 10 lbs. \$1.20, 100 lbs. \$10.00.



HUNGARIAN MILLET.

For complete List and Description of Farm Seeds see Henderson's Farmers Manual, Sent Free on Application.



Henderson's Special Grass Mixture for Hay and Permanent Pasture.

Produces Wonderful Hay Crops and Luxuriant Pasture, Maintaining Its Cropping Qualities Twenty Years or More.

This famous mixture has seeded thousands of acres of meadow and pasture land for progressive farmers and stock raisers in various parts of the United States with most gratifying results. It is a well-balanced combination of a number of native and acclimated foreign grasses and clovers, blended and improved upon during exhaustive trials under widely varied conditions, soils and localities for several years until practically perfect, our aim being to produce under the extremes of the American climate of heat, drought and cold, a PERMANENT, dense and deep-rooting turf that would yield year after year the maximum quantity of hay, and afterwards to afford, if desired a constant and abundant pasturage.

Mixed Permanent Clovers should be sown in addition to the above grass mixtures, but on account of greater weight the clover should be sown separately, and in cold latitudes in the spring. This Mixed Clover comprises White, Mammoth, Perennial or Cow Grass, Alsike, etc. Sow 10 pounds per acre.

Price, 40c. a pound; 10 pounds \$3.75; 100 pounds, \$35.00.

FOR FULL DESCRIPTIONS OF ABOVE GRASSES SEE OUR FARMERS MANUAL SENT FREE ON APPLICATION.

SAND or WINTER VETCH.

(*Vicia Villosa*.)

It is perfectly hardy throughout the United States, remaining green all winter, and should be sown during August and September, mixed with Rye, which serves as a support for the plants, or in Spring with Oats or Barley.

It grows to a height of 4 to 5 feet and is the earliest crop for cutting, being nearly a month earlier than Scarlet Clover, and full crop can be taken off the land in time for planting Spring crops. Being much harder than Scarlet Clover this is the forage plant to sow in the Northern States, where Scarlet Clover Winter kills, though it is equally valuable in the South.

It is exceedingly nutritious, much more, so that Clover is eaten with relish and may be fed with safety to all kinds of stock.

Sow one bushel per acre with one-half bushel of Rye or Wheat. 24c. lb., \$12.50 bushel of 60 lbs. 100 lbs. \$20.00.

For Hay and Permanent Pasture

- " Hay only
- " Pasture only
- " Renovating Old Pastures . . .
- " Woodlands and Orchards . .

PRICES:

(Per bushel of 14 lbs.)

Per bushel \$2.75
50 bushels at . . . 2.65
100 bushels at . . 2.60

The Seed Required.—The poorer the soil the larger the quantity of seed required. Taking one soil with another a fair average would be 3 bushels to the acre. The thicker the seeds are sown the sooner will a fine, close turf be obtained.

JAPANESE BUCKWHEAT.

Introduced into cultivation by us in 1887, and by constant selection we have fully maintained a large grain, totally unlike the small grain usually found on the market.

This variety is superseded all others and is now almost universally grown in preference to the common black and Silver Hull varieties. The kernels are at least twice the size of those of any other variety, and of shape peculiar and distinct. The color is also most distinct, being a rich dark shade of brown. The straw is heavier, it branches more, and does not need to be sown as thickly as the other kinds. Flour made from it is greater in quantity and equal in quality, if not superior, to that of any other Buckwheat, and, as the yield shows it is enormously prolific. It ripens a week earlier than Silver Hull and yields two or three times as much 60c. a peck, \$2.00 per bushel of 48 lbs., 10 bushel lots, \$1.90 per bushel.

Henderson's Superior Recleaned Crimson or Scarlet Clover —FOR— SUMMER SOWING

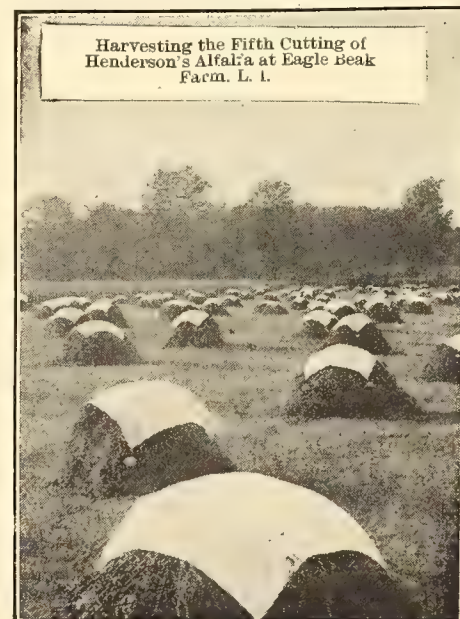
Valuable as Pasture, Green Forage and Hay—A Good Crop of Crimson Clover Plowed Under is Equal in Fertilizing Value to 20 Tons of Stable Manure Per acre for Quickly Restoring Fertility to Worn-out Soils.

The value of Scarlet Clover is now thoroughly established, and we recommend that all lands from which crops have been harvested during the Summer and Fall should be sown with Scarlet Clover plowing under the following Spring. Authorities who have made a careful estimate, state that plowing under a good crop of Scarlet Clover is equivalent to 20 tons of stable manure per acre, and even if the Clover be harvested or pastured, the benefits derived from the wonderful nitrogenous root formation will alone many times repay the cost of seed and labor.

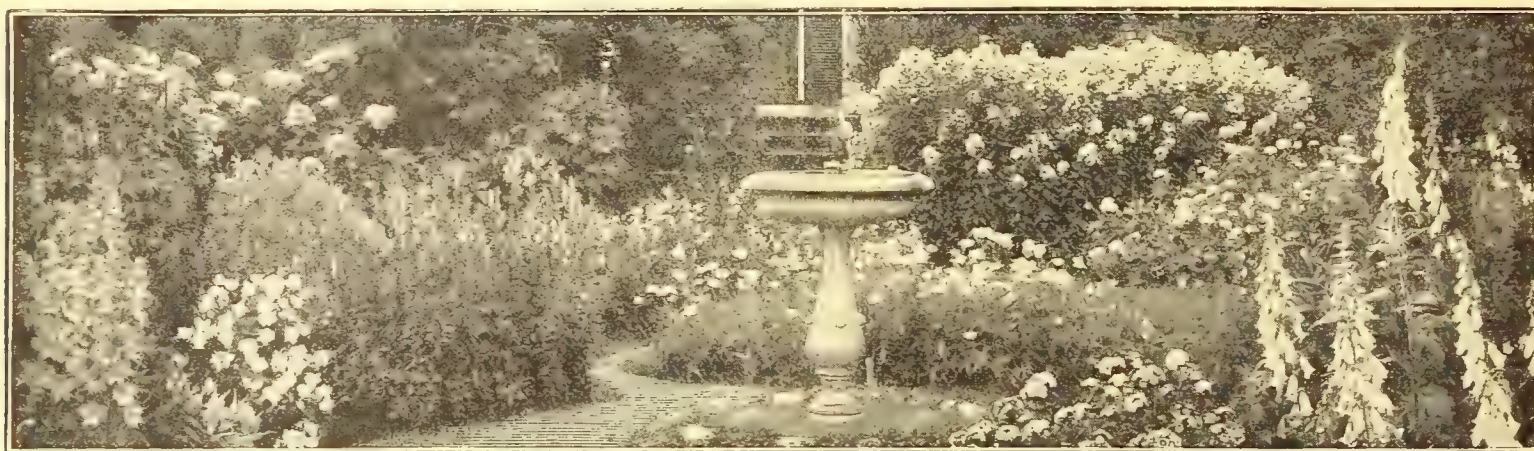
It may be sown among corn, tomatoes turnips, etc., at time of last hoeing, or after potatoes, melons, cucumbers have been harvested or on grain stubble and harrowed in. When sown in July and early in August, it has proved hardy as far North as Michigan and Canada. In the latitude of New York, time of sowing may extend from July 15 to September 1st, and further South even later. (See cut.) Sow 15 lbs. per acre. Choice re-cleaned highest quality, new crop seed 22c. lb., \$11.00 bush. of 60 lbs.; \$18.00 per 100 lbs.

Henderson's Northern Grown Alfalfa

A clover-like, leguminous plant of great importance as a hay and forage crop, nutritious and rich in protein elements. It grows 2 to 5 feet high and sends roots 5, 10, 20, and sometimes 30 feet into the subsoil. It needs one season to become established, after which it yields enormous crops annually for many years. 3 or 4 cuttings per season, aggregating 4 to 6 tons cured hay per acre, are harvested, according to conditions and locality. (See cut.) Sow in the Northern States during June, July or August, 30 to 40 lbs. of seed per acre if broadcasted, or 25 to 30 lbs if drilled; in the South sow in February or September. For full particulars see our pamphlet "Alfalfa on Northern Farms" sent free on application. Price, 34c. lb., \$18.50 bush. of 60 lbs., \$30.00, 100 lbs.



For Complete List and Descriptions of Farm Seeds see Henderson's Farmers Manual sent free on application.

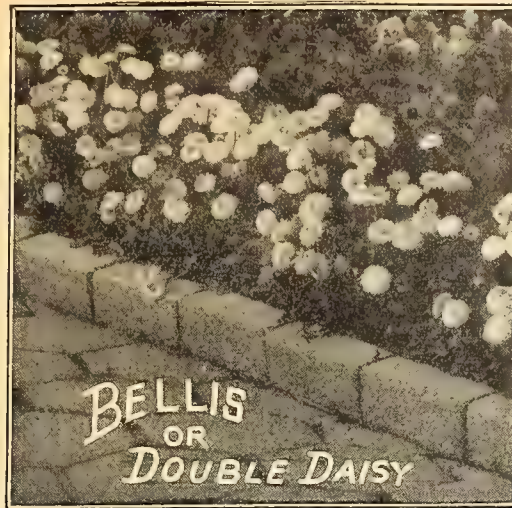


Henderson's Perennial Flower Seeds for Summer Sowing.

Hardy gardening is becoming more popular in America every year. To meet this increasing demand for seeds of perennial plants we append a list of the leading sorts, most of which if sown this summer will produce plants that will flower next season. Biennials grow from seed one year, bloom and die the next. Perennials last for several years, blooming annually from seed after the first season. Cultural directions are printed on the packets of seed.

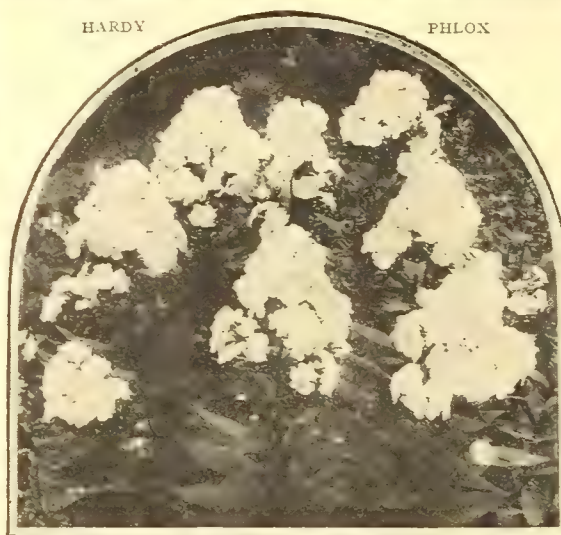
PKT		PKT		PKT	
ACHILLEA , The Pearl. A greatly improved variety of this old, hardy garden favorite <i>A. Ptarmica</i> fl. pl. The Pearl produces larger double pure white flowers in large clusters on long stems from spring until frost. Splendid cut flower; 2 feet.		AQUILEGIA (Columbine) (continued.) Single, Large-flowering, Mixed colors....		CAMPANULA Bell-Flower. <i>Campanula Persicifolia grandiflora</i> . (Peach leaved Bell-Flowers), remarkably handsome, hardy perennials, throwing up spikes 2 or 3 feet high; clothed during summer with large, bell shaped blossoms of blue or white	
ACONITUM Napellus (Monkshood). Handsome, hardy herbaceous plant, throwing bold spikes of dark blue flowers in summer. Effective in flower borders, shrubberies, etc. height, 3 to 4 feet.		Double-flowering, Long spurred Hybrids. Beautiful long-spurred, large, double flowers, with white center and yellow anthers.		White 10 Blue 10	
ADLUMIA Cirrhosa. Hardy biennial climber known as "Mountain Fringe," feathery foliage, rose-colored flowers; 15 feet.		Rose Queen . Long-spurred, single-flowers shading from light pink to dark rose color, with white center and yellow anthers.		Campanula pyramidalis . Mixed Colors The favorite "Chimney Bell-Flower," a hardy biennial—tall spikes of bell-shaped blossoms in shades of blue and white; height, 4 to 5 feet.	
ALYSSUM , Saxatile Compacta. A beautiful dwarf hardy perennial for spring beds or edging a flower border. The flowers are produced in large clusters and are of a deep pure yellow; $\frac{1}{2}$ foot. Per 1000 seeds, 75c.		Chrysantha . The beautiful long-spurred yellow variety.		CANDYTUFT , Hardy. Compact-growing, hardy perennial plants, admirably adapted for permanent front rows of borders or for low clumps or beds.	
AMPELOPSIS Veitchii. Boston or Japanese Ivy, valuable hardy climber, clinging to wood, stone or brick walls; dense ivy-green foliage, changing to red in autumn; 30 feet.		Coerulea Hybrid . Rocky Mountain variety, long-spurred flowers of white and blue.		Gibraltarica . Showy, large-growing, red and rosy-white; 1 to 2 feet.	
ANCHUSA Italica (Dropmore). A fine, large, hardy, herbaceous plant; 4 to 5 feet high, with flowers of lovely Gentian blue.		Coerulea Candidissima . A new pure white variety of the Rocky Mountain Columbine.		Sempervirens . Completely covered with heads of white flowers in spring; 1 foot ...	
ANTIRRHINUM , Giant Flowering. These improved "Snapdragons" form brilliant garden beds, flowering profusely and continuously during the summer and fall. They grow about 2 feet high. The flowers are nearly double the size of the older sorts.		Count Zeppelin . The double corolla is snow-white, the sepals light blue.		CELASTRUS Scandens (Bitter Sweet). A popular native climber, with showy orange berries carried through the winter; 20 feet.	
Tall Giant-Flowering Yellow Queen. Pure yellow.		ARISTOLOCHIA Sipho. (Dutchman's Pipe Vine). Luxuriant, hardy climber; large leaves, making dense shade; flowers mottled yellow and brown 30 feet.		CANTERBURY BELLS . Hardy biennial, 2 $\frac{1}{2}$ feet high, producing large, bell-shaped flowers of exquisite colors. The "Cup and Saucer" varieties (<i>Campanula Calycanthema</i>) produce beautiful single flowers 3 in. in length, saucers 3 to 4 inches across	
Orange-Scarlet. White throat.		ASPARAGUS Verticillatus. Hardy climber, with feathery foliage and scarlet berries; 10ft.		Single Mixed.	
Blood-Red.		ASTER , Hardy, New Large Flowering. These "Michaelmas Daisies" are splendid subjects for permanent positions in the herbaceous border where they form large bushy clumps, 1 $\frac{1}{2}$ to 2 feet high, and are covered with clusters of large single flowers during the late summer months.		Double Mixed.	
Venus. Delicate rosy pink and blush.		White Queen. Pure white single flowers.		"Blue" 10 Rose 10	
White. Pure snow-white.		Amelius Grandiflorus. Single blue and pink.		White 10 Striped 10	
Cottage Maid. A beautiful variety, colored coral-pink, with a white throat.		Townshendi. Superb lilac-pink flowers.		Calycanthema Mixed 10	
Mixed Colors 10		New Pink and Red Shades. New types ranging from silky-pink to claret-red.		"Rose" 10 Blue 10	
Collection, 1 pkt. each of above 6 separate colors.		Hardy Asters. Mixed Colors. New large-flowering Hybrids.		"White" 10 Striped 10	
Semi-Dwarf Giant-Flowering . These semi-dwarf varieties produce as large flowers as the tall sorts, while the plants are of compact, bushy growth, only a foot high, and are completely covered with flowers throughout summer and fall.		BELLIS , or Double Daisy. Greatly improved varieties of the popular "Double Daisies." Admirably adapted for edgings, borders and low beds. It is preferable to sow in fall and winter the plants in cold frames; $\frac{1}{2}$ foot.		Imperial Hybrid . A distinct new type of Canterbury Bells, flowering about two weeks earlier than the old sorts. The plants are of very erect pyramidal habit, uniform in shape and size. The large bell-shaped blossoms, borne on stout stems, stand out horizontally and are very effective. The colors are varied through shades of lilac to blue, violet, and indigo and from blush-white to flesh, chamois, pink, carmine-rose, etc. Mixed colors.	
Semi-Dwarf Albino. Cream flushed pink.		Longfellow. Extra large double rose-pink flowers.		CENTROSEMA Grandiflora. A neat, hardy perennial vine, 10 feet high, with clusters of purple and white Pea-like flowers.	
Picturatum. Blotched and spotted.		Snowball. Unusually large, very double, pure white flowers.		CERASTIUM Tomentosum (Snow in Summer). A procumbent, hardy perennial, having white foliage and a profusion of small white flowers. Very pretty as an edging plant ..	
The Bride. Pure white.		Red. Densely double flowers, large, glowing red, shaded rose.		CARNATION , Hardy Garden. Double Mixed. Will produce large clumps that will stand out over winter and bloom throughout the following summer and fall. Extra fine strain. Per 1,000 seeds, 75c.	
Scarlet. 10 Yellow 10		Mixed Colors.		CHRYSANTHEMUM Single Hardy. The large flowering single white hardy Daisy— <i>Chrysanthemum leucanthemum maximum</i> —has long been considered one of our finest hardy perennials for permanent garden decoration. The following new types are great improvements.	
Coral-Rose 10		Monstrosa. These new "Double" Daisies surpass all strains of this popular hardy plant in strong robust growth and abundance of large bloom. Each plant produces 12 to 15 flowers that measure two inches across, carried on long strong stems. The flowers being so very double they produce but little seed.			
Mixed Colors. 10		Montrosa Double White.			
Collection, 1 pkt. each of above 6 separate colors.		Double Rose.			
AQUILEGIA (Columbine). Hardy garden perennials, luxuriating in the moister situations where they form permanent clumps, growing from 1 $\frac{1}{2}$ to 3 feet high.		BIGNONIA Grandiflora. The hardy trumpet Creeper, clusters of large orange-red flowers picturesquely effective on arbors, old trees, etc.; 40 to 50 feet.			
Henderson's American Hybrid Columbine . The plants are extremely robust; the flower stems often 40 inches in height carry magnificent clusters of immense long-spurred, single flowers. The colors are superb and varied.		BOLTONIA Asteroides. Showy, hardy perennial, growing about 6 feet in height and producing, during summer and autumn large, single white Marguerite-like flowers.			

CULTURAL INSTRUCTIONS ARE PRINTED ON ALL PACKETS OF HENDERSON'S FLOWER SEEDS.



Perennial Flower Seeds for Summer Sowing. Continued

CHRYSANTHEMUM (continued).	PKT.	DIANTHUS, Hardy, Grass or Spice Pinks.	PKT.	GYPSOPHILA "Paris Market." An improved	PKT.
Princess Henry forms a bushy, compact plant 18 inches high, producing in abundance, during late summer and fall, magnificent large white flowers, 3 to 4 inches across.		Dwarf Large Double-Flowering Grass or Spice Pinks. (<i>Dianthus Plumarius Nanus</i> , fl. pl.) In these new Pinks the color refers to the center of the flowers, the remainder being white or blush with a band of color near the margin; the colors include blood-red, rose, maroon, purple, pink, blush, spotted, laced, variegated, etc. They are excellent perennial garden plants, about 1 foot high, vigorous, hardy, and flower profusely during spring and early summer. The flowers are very large, double, beautifully fringed, and emit a clove-like perfume. Mixed colors		large-flowering variety of <i>G. paniculata</i> . It forms branching plants about 2 feet high, fairly smothered all summer long with graceful clusters of snow-white flowers half an inch across. A pretty garden annual, and of great value for bouquets, vases, etc.	
Little Gem. A new dwarf variety only, 15 to 18 inches high, of even bushy growth; blooming very early, and freely—making a splendid effect—large, white flowers on long stems. Splendid for herbaceous borders and for cut flowers.	10	Perfection Pinks. A superb strain of the hardy Grass Pink— <i>Dianthus plumarius</i> —bearing enormous double flowers of perfect form. Smooth round petals of pure white, edged with deep crimson, very fragrant		Double-flowering (<i>G. paniculata</i> fl. pl.). A new type bearing in profusion racemes of double white flowers which last long in perfection; 50% may be expected to come double, the balance single-flowering plants.	10
Shasta Daisy. Produces pure white flowers 4 inches or more across, on stems 1½ to 2 feet in length. Plants, 2 to 2½ feet in height	25	Crown "Grass" Pinks. A new race with branching flower stalks 10 to 12 inches high, carrying large deliciously fragrant single, and semi-double flowers with fringed petals; colors, white, carmine, rose, lilac, etc. Each flower marked in the centre with a crimson or purple crown. They flower from May to July	20	HOLLYHOCK Hardy Double. Grand summer and autumn flowering plants, bearing long spikes of double flowers 3 to 4 inches across. They are old inhabitants of our gardens, but are now so improved in doubleness and enlarged in size, as to be revelations of beauty to those who have not seen these improved sorts. Hardy biennials 5 to 8 ft. high.	25
New Semi-Double Shasta Daisy. A variety of the above, producing large semi-double, pure white flowers	15	Maiden Pinks. This pretty type of hardy Pinks— <i>Dianthus deltoides</i> —forms low mats of grass-like foliage about 3 inches high, above which is thrown during spring and early summer a profusion of small single flowers not over ¼ of an inch in diameter on stems 6 to 8 inches in length. Colors red, rose and white, all adorned with a central zone of crimson	15	Double Blush	
CLEMATIS <i>Paniculata</i> . One of the finest hardy perennial climbers. Covered from the ground to the summit with pure white fragrant flowers. 12 feet	25	Plumarius, double mixed. The favorite Pheasant's Eye or Grass Pinks 1 foot		"Canary-yellow. 10 Double Black. 10	10
Flammula. Fragrant feathery white flowers, in clusters, 25 to 30 feet	10	DIGITALIS or Foxglove. Gloxinia-Flowered. These improved Foxgloves are very showy, hardy plants; they are easy to grow and produce freely, spikes, 4 to 5 feet high, well furnished with large Gloxinia-like flowers of various colors, including white, cream, rose, red and other shades.	10	"Crimson. 10 "Maroon. 10	10
Large-flowering, Mixed (Jackman's). Flowers 3 to 4 inches across of charming shades of blue, white, purple, lavender, etc.; 10 to 12 feet	05	White, spotted. 10 Purple, spotted. 10		"Deep Rose. 10 "Pink. 10	10
COREOPSIS <i>Harvest Moon</i> . One of the finest hardy garden plants grown, forming large clumps 2 to 3 feet high. It is an improved variety of the <i>lanceolata grandiflora</i> type, producing immense, long-stemmed, rich yellow flowers, shaded with orange, flowering in profusion for a long period	10	Lilac, spotted. 10 Rose, spotted. 10		"Lavender. 10 "Purple. 10	10
El Dorado. The long-lasting flowers are simply perfect, measuring 3 inches and over in diameter, and are borne on stalks 15 to 18 inches in length. Color, brilliant golden yellow. Compact, bushy plants—about 2 feet high—blooming abundantly during summer and fall	10	Mixed colors. (Gloxinoides) 10		"Light Apricot. 10 "White. 10	10
COWSLIP. (<i>Primula veris</i>) This beautiful spring-flowering dwarf hardy perennial bears clusters of fragrant flowers of various colors, as yellow-brown, edged yellow, etc. They are particularly pretty when grown in good sized colonies in partially shaded situations. Height, 6 inches	10	Collection of above 4 separate sorts. 30		"White Violet Center. 10	10
DELPHINIUM, or Hardy Larkspur. Giant Double Hybrids. A splendid race of these popular hardy garden plants. The blossoms are of immense size, semi-double and perfectly double, dressing the graceful, towering spikes from 2 to 5 feet of their length. The colors range from white and lavender to indigo and purple. The plants grow from 6 to 10 feet in height; mixed colors	25	Grandiflora. Yellow. Very charming flowers of soft chrome-yellow on 3-foot spikes		"Palling Belle." A very fine form of Hollyhock bearing large double flowers of a charming shade of silvery-pink	30
Hybridum <i>Nanum</i> . A semi-dwarf single-flowering type, each plant producing several well-furnished spikes, 3 to 3½ feet in height. Colors vary from light celestial to deepest indigo	15	Monstrosa. Long spikes of large flowers of various colors, many of which are beautifully spotted, etc., but the striking feature of this strain is the enormous bell-shaped blossom that tops each spike of flowers. Mixed colors	15	"Golden Glory." This splendid variety produces immense double golden-yellow flowers in handsome spikes 6 to 8 feet high	25
Zalil. (Hardy Yellow Larkspur.) Long spikes of 40 to 50 sulphur-yellow blossoms, each 1 inch in diameter, flowering from June until August, 3 to 4 feet	10	EDELWEISS <i>Siberian</i> . This beautiful "Everlasting" is a hardy perennial growing about one foot in height being larger than the famous Alpine Edelweiss, the star-shaped, wooly white flowers being fully as large again. It also thrives better under cultivation and in low latitudes than the Alpine type	15	Extra Choice Double Mixed. From named varieties, 1000 seeds, 75c.	10
Hybridum <i>Belladonna Fanny Stormonth</i> . A greatly improved variety of the "Belladonna" Larkspur; early and continuous blooming, light azure-blue color, flowers larger, on stems 5 to 7 feet high	15	GAILLARDIA <i>Giant Hardy Hybrid</i> . The flowers often 4 to 5 inches across, and very highly colored, as scarlet with gold edge, blood-red with yellow edge, yellow with orange disk, golden with scarlet border pure yellow, fiery-crimson and many others. These magnificent Gaillardias are hardy perennials, compact in growth and produce a constant succession of flowers summer and fall.	10	Imported Collections of Double Hardy Hollyhocks. 6 separate colors, 40c.; 12 separate colors. 75	75
Formosum. Deep blue, white centre; 2 to 3 feet	05	Giant Hardy Hybrid, mixed colors. 10		Single-flowering Hollyhocks, mixed colors. 1000 seeds, 50c.	05
Single, Fine Mixed Colors. 05	05			Allegheny Hollyhocks. Mixed colors. Semi-double fringed flowers. 1000 seeds, 60c.	10



Perennial Flower Seeds for Summer Sowing—Continued.

- | | | |
|---|---|---|
| <p>LAVENDER. Well-known ornamental hardy perennial, bearing long spikes of fragrant blue flowers; 1 to 2 feet. .05</p> <p>LUNARIA Biennis or "Honesty." Hardy biennial especially useful in shady, damp places; the flowers of purple, crimson or white are followed by silvery transparent seed pods; height, 2 feet. Mixed colors. .10</p> <p>LOBELIA. Hardy. Tall, hardy perennials with long spikes of brilliant flowers. Fine for permanent beds and borders. They thrive in shady situations; 2 to 4 feet. Mixed colors. .10</p> <p>Cardinalis. (Cardinal Flower.) Long spikes of intense scarlet flowers. .10</p> <p>LUPINUS, New Hardy Hybrids. Showy, hardy perennials 3 to 4 feet in height producing during summer, long racemes of pea-like flowers in a variety of colors. .10</p> <p>LYCHNIS Chalcedonica. The scarlet Lychnis, an old favorite bearing heads of bright scarlet flowers; very hardy; 3 to 4 feet. .05</p> <p>MYOSOTIS or Forget-Me-Nots. Popular hardy perennials.</p> <p>Ruth Fischer. The plant is compact with glossy dark green foliage, above which are carried large clusters of immense pure Forget-me-not blue flowers, 1½ inches across, or larger than those of any other known Myosotis. .15</p> <p>Argentina. The first sub-variety obtained from the famous Myosotis "Ruth Fischer" described above, which exactly describes Argentina—excepting that the latter is bespangled with glistening silvery-white flowers half an inch and over across. .25</p> <p>Triumph. A large-flowering Forget-me-not. It blooms in from 6 to 8 weeks from sowing and continues until checked by frost. The flowers are large and borne in clusters on long, stems. Color, bright turquoise-blue with yellow eye. .10</p> <p>Palustris, Large-flowering. Dark blue; 1 foot. .10</p> <p>Distinction (Quick-and-Ever-Flowering). The plants are of bushy form; 5 to 7 inches high, covered with clusters of flowers. .10</p> <p>Mixed colors. .10</p> <p>Victoria. Grand "Forget-me-nots" forming round, compact bushes about 8 inches high covered with clusters of large flowers. .10</p> <p>Blue. .10</p> <p>PANSY. See pages 23 and 24.</p> <p>PENTSTEMON. "Sensation." The graceful spikes, about 2 feet high, are bedecked with flowers, two inches across, from July until frost. The colors vary from pink to scarlet and maroon, all beautifully blotched and veined. A large white throat, further enlivens the surrounding colors. .10</p> <p>Hartwegii Albus. A fine new variety and the first pure white Pentstemon. In bud and opening they are shaded cream. It is a remarkably early and long-blooming variety. .20</p> <p>Rocky Mountain Pentstemon (P. Cyananthus). A lovely and showy species. Compact spikes of lovely azure-blue flowers. .15</p> <p>PHLOX, Hardy Large-flowering Hybrids. Noble-flowering plants for permanent beds or borders. The strain of seed we offer produces plants bearing immense panicles bright-colored flowers, among which some new and beautiful colors, are likely to be found. 2 to 3 feet high. Mixed colors. .10</p> <p>Dwarf, Large-flowering Hybrids. Mixed colors. .25</p> | <p>PLATYCODON Grandiflora. Chinese Bell Flower. Hardy perennials, bearing large bell-shaped white or blue flowers; very handsome for garden decoration; 1½ feet. The <i>Nana Compacta</i> type form sturdy little bushes about 12 inches high. .10</p> <p>Grandiflora. Mixed colors. Blue and white. .10</p> <p>Nana Compacta. Mixed colors. Blue and white. .10</p> <p>POLYANTHUS Primula Elatior. An early-blooming Primrose for spring flower beds or pot culture; the large umbels of flowers of various colors, edged and laced are borne on stalks 8 inches tall. Mixed colors. .10</p> <p>POPPY GIANT ORIENTAL. These hold an unrivaled position for effectiveness in and hardy borders; height 2 to 3 feet; flowers immense, often 6 inches across. .15</p> <p>Mrs. Perry. A grand, new variety with large pure satiny-white flowers, having a bold, crimson base. Extremely beautiful and rare. .15</p> <p>Colosseum. Flowers 8 inches across. Dark scarlet, with a black spot at the base of each petal. .15</p> <p>Beauty of Livermere. Crimson with black blotch. .15</p> <p>Blush Queen. Blush pink. .15</p> <p>Princess Victoria Louise. Salmon-scarlet. .15</p> <p>Salmon Queen. Salmon-yellow. .15</p> <p>Rembrandt. Orange-scarlet. .15</p> <p>Dark Scarlet. .15</p> <p>Mixed Colors. Per 1,000 seeds, 50c. .10</p> <p>POPPY ICELAND (Papaver nudicaule) The fragrant, crushed satin-like flowers are produced in never-ceasing succession from the beginning of June to October; fine for cutting. .10</p> <p>Yellow. .10</p> <p>White. .10</p> <p>Scarlet. .10</p> <p>Gold tinged red. .10</p> <p>Mixed Colors. Per 1,000 seeds, 50c. .10</p> <p>Collection of above 4 separate colors. .30</p> <p>Storrie's New Iceland Poppies. This new strain contains many new colors and shades, including blush, salmon, coral-pink, orange-rose, white, lemon, orange, striped, flecked, edged blended, etc. Mixed Colors. .15</p> <p>Per 1,000 seeds, 75c. .15</p> <p>PYRETHRUM Hybridum. Hardy herbaceous plants, flowers 3 to 4 inches across, of rose, flesh, pink, white, crimson, etc.; freely borne on stems about 2 feet high. .10</p> <p>Single, Large-flowering. Mixed colors. .10</p> <p>Double, Large-flowering. Mixed colors. .25</p> <p>SCABIOSA Hardy Varieties.</p> <p>Caucasica Perfecta. forms dense, spreading plants 2 to 3 feet high, thriving in any ordinary garden soil. Semi-double flowers, 3 to 4 inches across poised on stalks 1½ to 2 feet long. The coloring is a beautiful lilac-blue. .15</p> <p>Caucasica Alba. A large, pure white variety of the above. .25</p> <p>Japonica. New Scabious from Japan, forming large bushes 2½ feet in height and breadth, with elegant light green foliage. Flowers 2 inches across, on long wiry stems 15 inches in length, of a beautiful mauve blue. .10</p> <p>STOKESIA, The Hardy Cornflower. The plants grow from 18 to 24 inches high and begin flowering in July, continuing without interruption till late in October. The flowers, 4 to 5 inches across, on long stems, are valuable for cutting. .10</p> <p>Cyanea Blue. Lavender-blue. .10</p> | <p>STOKESIA (continued).</p> <p>Cyanea Alba. New, a pure white flowering counterpart of the above. .10</p> <p>Stokesia Hybrids, Mixed Colors, include some charming shades of blue, lavender, violet, white, and a new pink variety which when trued up will be offered individually. .15</p> <p>Sweet Rocket or Dames Violet. Favorite, hardy, herbaceous perennials—very effective in the garden border. The plants form large clumps 2 to 3 feet in height covered with showy terminal spikes of flowers resembling Stocks. The colors range from white through lilac to pink and purple; very productive of bloom and splendid for cut flowers. Mixed Colors. .10</p> <p>SWEET WILLIAM (Dianthus barbatus). One of the finest of our hardy garden plants, of easy culture, thriving in any good garden soil. The plants grow about 1 foot high and form fine clumps.</p> <p>Henderson's Perfection. Our improved Perfection strains produce in great profusion large florets in a great variety of extremely rich colors. .15</p> <p>Extra choice Single varieties mixed. .10</p> <p>Double large-flowering mixed. Extra choice. .15</p> <p>Pink Beauty. Large single flowers of pure pink. .15</p> <p>Scarlet Beauty. Large single scarlet flowers. .15</p> <p>Giant White. .10</p> <p>Harlequin. Large flowers of several colors produced on one plant. Some heads will be all crimson, others all pink, white, etc., but usually florets of different colors will be borne in one head. .15</p> <p>Imported Collection of 12 separate sorts. .60</p> <p>TRITOMA UVARIA. "Red Hot Poker Plant." Splendid hardy perennial plants, for clumps on lawn or among shrubbery, where the tall spikes of orange red flowers make an effective display from August until December. 4 to 5 feet. .10</p> <p>New Hybrids Tritomas. Showy hardy plants, producing the brightest flowers of the autumn garden. They grow from seed and flower well the second year commencing in May and continuing through the summer and fall. They range in color through shades of yellow to orange and from salmon-pink, coral red, etc., to crimson. The plants vary in height from 18 inches to 6 feet. .25</p> <p>PANSY-VIOLETS, Tufted or Bedding. (<i>Viola cornuta grandiflora hybrida</i>.) Pansy-like blossoms, 2 to 2½ inches across, of great substance and brilliant colors. The plants are hardy, of vigorous growth, forming deep-rooting, compact, tufted clumps, with myriads of flowers from spring until cold weather. Many are scented. Mixed colors. .15</p> <p>WALL FLOWER. These perennials make nice bushy plants, 1½ feet high, bearing in the spring long spikes of fragrant flowers of various colors, crimson, purple, yellow, apricot, mahogany, pink, etc. .15</p> <p>Large Double. Mixed colors. .15</p> <p>Large Single. Mixed colors. .10</p> <p>Collection of 6 separate Double Wall Flowers. .50</p> <p>WISTARIA, Chinese. Of luxuriant and rapid growth, bearing in the spring immense panicles of flowers produced in great profusion, 75 feet. Blue. .10</p> |
|---|---|---|

HENDERSON'S BUTTERFLY COLLECTION OF PANSIES.

THE BEST PANSIES ARE GROWN FROM
SEED SOWN IN THE FALL.

Henderson's Butterfly Pansies—in mixture—have been famous many years for their superior size, perfection of form, marvelous diversity of colorings, superb markings as well as for robust plant growth—deep rooting, frost and heat resisting qualities and freedom of bloom.

- No. 1. Aureola.** Lower petals vary from rose to carmine with purplish blotch and veins; upper petals cream-yellow with pink border.
- No. 2. Bridesmaid.** Blush white suffused wine-pink. Lower petals with violet blotches and radiations.
- No. 3. Fireface.** Lower petals rich yellow with scarlet blotches overlaid with purplish veins. Upper petals bright red, bordered golden yellow.
- No. 4. Gold-Orange.** Deep rich golden-orange—with a few small dark veins radiating from the eye—practically a self-colored variety.
- No. 5. Madame Perret.** The under colorings are light or white, marbled, spotted, flamed or blotched, with carmine, purple, etc., in a variety of effects.
- No. 6. Mercury.** Superb deep velvety-purple, with violet-black blotch on each of the three lower petals, golden eye, very rich.
- No. 7. Orchid.** Charming delicate colorings: cream, pale mauve, blush-pink, canary, apricot, rose, etc.
- No. 8. Pretiosa.** Crimson-purple shading to light wine with a peacock blue lustre, white margin violet blotches on the lower petals.
- No. 9. Pysche.** A giant waved form of Pres. Carnot. The coloring is white with a large violet-blue center overlaid with radiations of purple.
- No. 10. Super-5-Blotched.** Shades of white, yellow or red, and each of the five petals is marked with a large violet, purple, maroon, claret or orange blotch.
- No. 11. Triumph.** The flowers are of immense size, the petals so broad, full and overlapping, the flowers appear almost double. The colorings and combinations are very rich and brilliant, including new tones of red, yellow, terra cotta, seal brown, etc., and nearly all flowers are five-blotched.
- No. 12. Vulcan.** A new giant frilled variety of very rich blood-red with a deep purple central blotch on each petal.



Henderson's Butterfly Collection of Pansies, one packet each of the above 12 varieties, \$1.00.

Customer's Selection. Any one packet (about 75 seeds), 15c.; any two packets, 25c.; any five packets, 50c.

Henderson's Mammoth Butterfly Pansies in Mixed Colors 15c. per pkt. of 150 seeds; 2 pkts. for 25c., 60c. per 1,000 seeds.



CUSTOMER'S SELECTION OF PANSY SEED:
Any three 10c. packets **FOR 25 CENTS** or any two 15c. packets.



HENDERSON'S GIANT RUFFLED PANSIES.

A remarkable strain of Giant Pansies, the flowers of which are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be undulated and fluted from center to circumference, not unlike "frilled" velvet. They are nearly all five-blotched and contain rich combinations of coloring. **Mixed Colors.** Per 1,000 seeds, 60c. Pkt. 15c. 2 pkts. for 25c.

HENDERSON'S MAMMOTH PARISIAN PANSIES.

Distinguished by magnificent and varied colors and strong markings. There is usually a large "blotch" on each of the five petals, with a surrounding band of some strikingly contrasting color, over all of which is thrown a cobweb-like netting of yet another hue. The combinations prevailing are composed of shades of cinnamon, violet, canary and orange-yellow, black, garnet, light blue, indigo, cream, etc. **Mixed Colors.** Per 1000 seeds, 60c. Pkt. 15c. 2 pkts for 25c.

HENDERSON'S GIANT MOTTLED PANSIES.

The flowers well-grown measure 3 to 3½ inches across—and of most gorgeous effects, blotched, spotted, marbled, veined, striped and blended, colors passing through reds, rose, pink, white, purple in beautiful and indescribable variegation. **Mixed Colors.** Per 1,000 seeds, 60c. Pkt., 15c. 2 pkts. for 25c.

VARIOUS POPULAR STRAINS OF PANSIES.

German. Finest mixed.....Per 1000 seeds. 50c.; Pkt. 5c.
Cassier's 5 Blotched Odier. Mixed.....60c.; 15c.
Bugnot's Large Stained French. Mixed.....60c.; 15c.
English Choicest Show. Mixed.....75c.; 25c.

WORLD RECORD—or Hardy Early-Flowering—PANSIES—Fragrant.

This new race of pansies promises to be an important introduction on account of the extreme hardiness of the plants and in consequence their earliness in flowering. With slight protection, such as salt meadow hay, straw or similar material, full grown plants winter over in the open ground—even in very cold latitudes—and commence flowering in early spring with the Snowdrop and Crocus, or from four to six weeks earlier than other pansies. In fact, we gathered flowers several times during the past winter by lifting the snow-covered hay.

Celestial Queen. Bright sky-blue, tinted lavender, small yellow eye Pkt. 25c.
Ice King. Silvery white, with deep blue blotch on lower petals.....25c.
March Beauty. Rich velvety violet-purple, with yellow eye.....25c.

HENDERSON'S SUPERIOR GIANT TRIMARDEAU PANSIES.

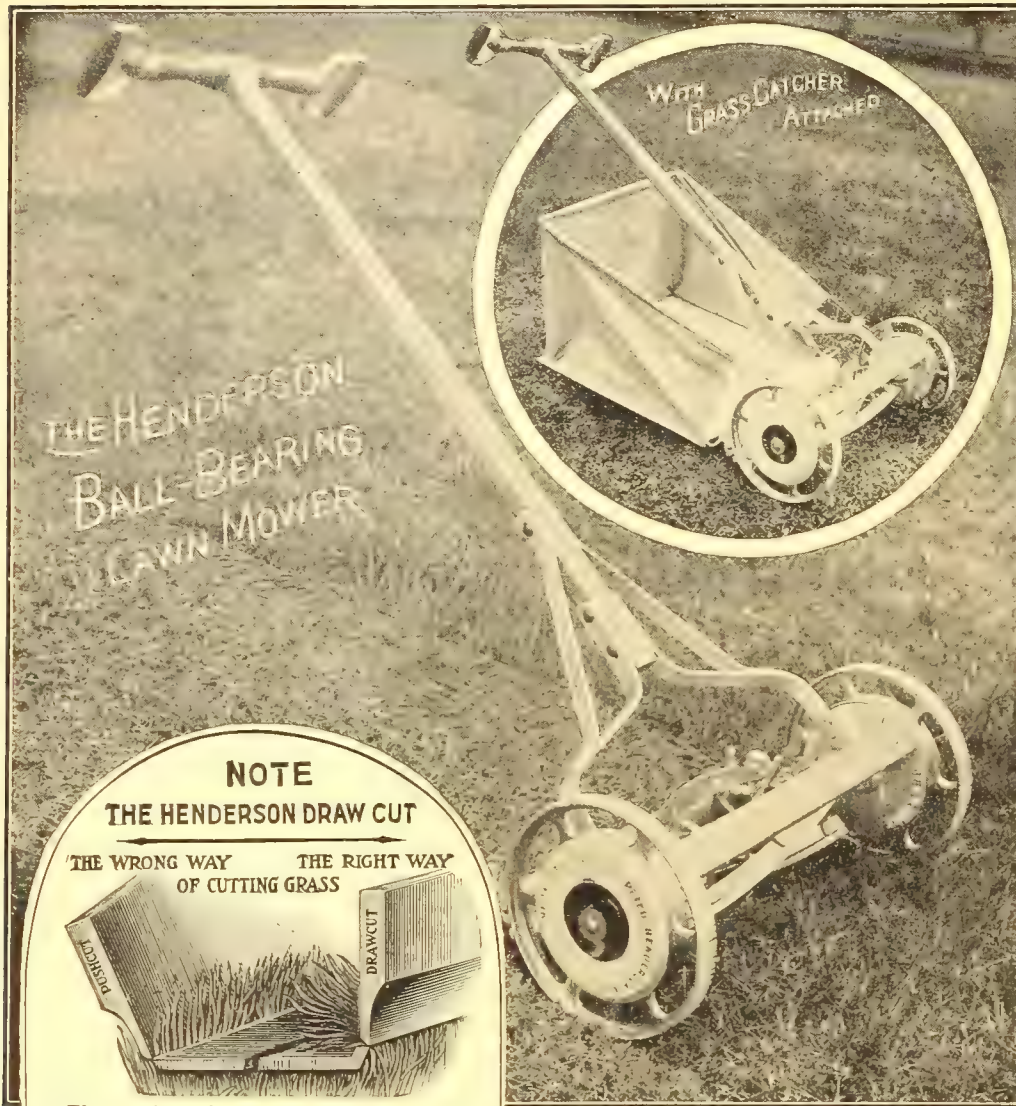
Years of scientific culture, hybridization and selection in raising Pansies have gradually evolved a superior race of luxuriant, robust growth and deep-rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors.

Giant Atropurpurea. Velvety royal-purple..Per 1,000 seeds, 50c.; Pkt. 10c.
" **Canary Bird.** Pure, spotless yellow.....50c.; 10c.
" **Emperor William.** Indigo-blue, blotched black.....50c.; 10c.
" **Fire King.** Crimson-purple and golden yellow.....50c.; 10c.
" **King of the Blacks.** Lustrous jet-black.....50c.; 10c.
" **Lord Beaconsfield.** Lavender, heliotrope and purple.....50c.; 10c.
" **Mauve Queen.** Rosy-lavender or mauve with a large bluish-carmine blotch on each of the lower petals.....10c.
" **Minerva.** Bright red, with large violet blotches.....10c.
" **Morning Dawn.** Flaming-red with golden-chamois.....10c.
" **Peacock. (Gloriosa.)** Garnet, cream and blue.....50c.; 10c.
" **President Carnot.** White with large violet blotches.....50c.; 10c.
" **Prince Bismarck.** Golden-bronze.....50c.; 10c.
" **Prince Charming.** Rose-pink, veined rosy-lilac.....50c.; 10c.
" **Snow Queen.** Spotless, snow-white.....50c.; 10c.
" **Solfatara.** Sulphur-yellow, with deep blue blotches.....10c.
" **Striped.** White, blue, violet and chocolate.....50c.; 10c.
" **Victoria.** Os blood red.....50c.; 10c.
" **White Treasure.** White with three violet blotches.....50c.; 10c.
" **Yellow.** Golden-yellow, three maroon blotches.....50c.; 10c.
" **Trimardeau.** Mixed Colors.....50c.; 10c.

Winter Sun. Golden Yellow with maroon blotch on lower petals.... Pkt. 25c.
World Record Pansies, Mixed Colors......25c.
Customer's Selection. Any two pkts. for 40c. or the collection of 5 pkts. for \$1.00.

Free to Customers: Henderson's Leaflet, "How to Grow Pansies to Perfection."

The HENDERSON SELF-ADJUSTING BALL-BEARING LAWN MOWER.



The King of Lawn Mowers.

LIGHT RUNNING. NOISELESS—DURABLE—SELF ADJUSTING. DRAW CUT. ALWAYS SHARP.

DOES NOT PULL THE GRASS.

Leaves the Lawn Smooth and Free from Corrugation.

THE HENDERSON BALL-BEARING LAWN MOWER is made without regard to cost—to be the best, most durable, and the easiest-working Mower on the market, and while the prices are necessarily a little higher than those of Mowers simply made to sell, yet in the end our Mower will prove much cheaper, aside from annoying delays and repairs experienced with cheap Mowers. It is superior to all other Mowers in the following respects; the axles of the revolving cutter, like the axles of a bicycle, work in self-adjusting "ball-bearing" journal boxes or cups, which reduces the friction enormously. The Mower is also built scientifically correct in other respects. The "drawcut" principle corrects the defect in "push cut" Lawn Mowers, and completely reverses the old way of cutting the grass. The grass is drawn across the sharp edge of the Stationary Knife, which is the cutting knife, and is severed most easily. (See illustration.)

It causes the mower to operate much more easily. It prevents the mower from "bobbing up" in the rear thus ensuring an even cut. The heavier the grass, the closer the mower clings to the turf. It makes the mower self-sharpening; the drawing of the wiper blades across the edge of the stationary knife keeps it always sharp and prevents gouging. Where the "push cut" style of mower requires "sharpening" a dozen times, the Henderson Ball-Bearing "drawcut" mower will not need it once. It is a strictly a high class Mower, made from the highest quality of iron and steel. The castings are lathe-turned and bored, and the journals machine-trimmed, which insures trueness in fitting and smoothness in working, with no irregularities to wear off and leave rattle and play. We have so simplified the adjustments in our new Ball-Bearing Mower that even those ignorant of mechanics will have no trouble in always keeping our Mower in fine cutting order for years and the lawn in uninjured condition.

THE HENDERSON BALL-BEARING MOWER has high drive wheels, large, open non-clogging cylinder. The spiral of the knives is correctly proportioned to give a continuous cut, leaving the lawn as smooth as if shaved entirely free from the corrugated surface left by other Mowers. The handles are braced and reinforced to prevent twisting and breaking when one side of the Mower is held off the ground, and besides the handle is equipped with improved "grips" which keeps the hands in a natural position, gives more power, and is less tiresome than a continued grasp, with wrists twisted, on a horizontal grip.

THE HENDERSON BALL-BEARING LAWN MOWER

GRASS CATCHERS.

GRASS CATCHERS for the Henderson "Ball-Bearing" Lawn Mowers superior heavy duck; bottom of galvanized iron that will not sag or drag on the ground when filled; they are quickly attached, removed or dumped.

PRICES FOR THE HENDERSON BALL-BEARING LAWN MOWERS.

(Strictly net; no charges for packing or cartage.)

Five Bladed		Eight Bladed	
16-inch cut, \$ 8.25.....	Grass Catcher Extra, \$1.85.....	\$10.50	
18-inch cut, 9.00.....	Grass Catcher Extra, 2.00.....	11.50	
21-inch cut, 10.00.....	Grass Catcher Extra, 2.25.....	13.50	

NOTE: We can supply these mowers either with five or eight blades but always send the five bladed mower unless otherwise ordered. The eight-bladed mower cuts finer and is extensively used on putting-Greens but it runs a little harder.

CUSTOMERS' REPORTS ABOUT THE HENDERSON BALL-BEARING LAWN MOWER.

"Just a line to advise you that the 18-in. Henderson Ball-Bearing Lawn Mower received from you a few days ago is superior to any mower I have ever used or seen and I am more than pleased with it"

FRED WILDEY.

Livingston, N. Y.

"I ordered your Eight-bladed Henderson Putting Green Mower two years ago and it has done fine work."

JAKE SCHNAFF.

Maumee, Ohio.

"I have used the Henderson Ball-Bearing Lawn Mower for twelve years and know of none to compare to it."

Mr. B. A. BALLOU.

Providence, R. I.

"Have used your Ball-Bearing Mowing machine steadily for eight years and it has given solid satisfaction."

W. M. B. PACA.

Indian Coreys Golf Club, Coreys, N. Y.

THE MOST BEAUTIFUL LAWNS IN AMERICA ARE MADE BY SOWING THE "HENDERSON" LAWN GRASS SEED.

THE QUANTITY REQUIRED
for making new lawns is 5 bushels per acre, or for renovating old lawns, 1 to 2 bushels. For a plot 15x20, or 300 square feet, 1 quart is required for new, or 1 pint for renovating old lawns. Full instructions in every package and bag.

And It is Equally Valuable for Renovating Imperfect and Old Worn Out Lawns

It is Used and Praised by Thousands From Maine to California

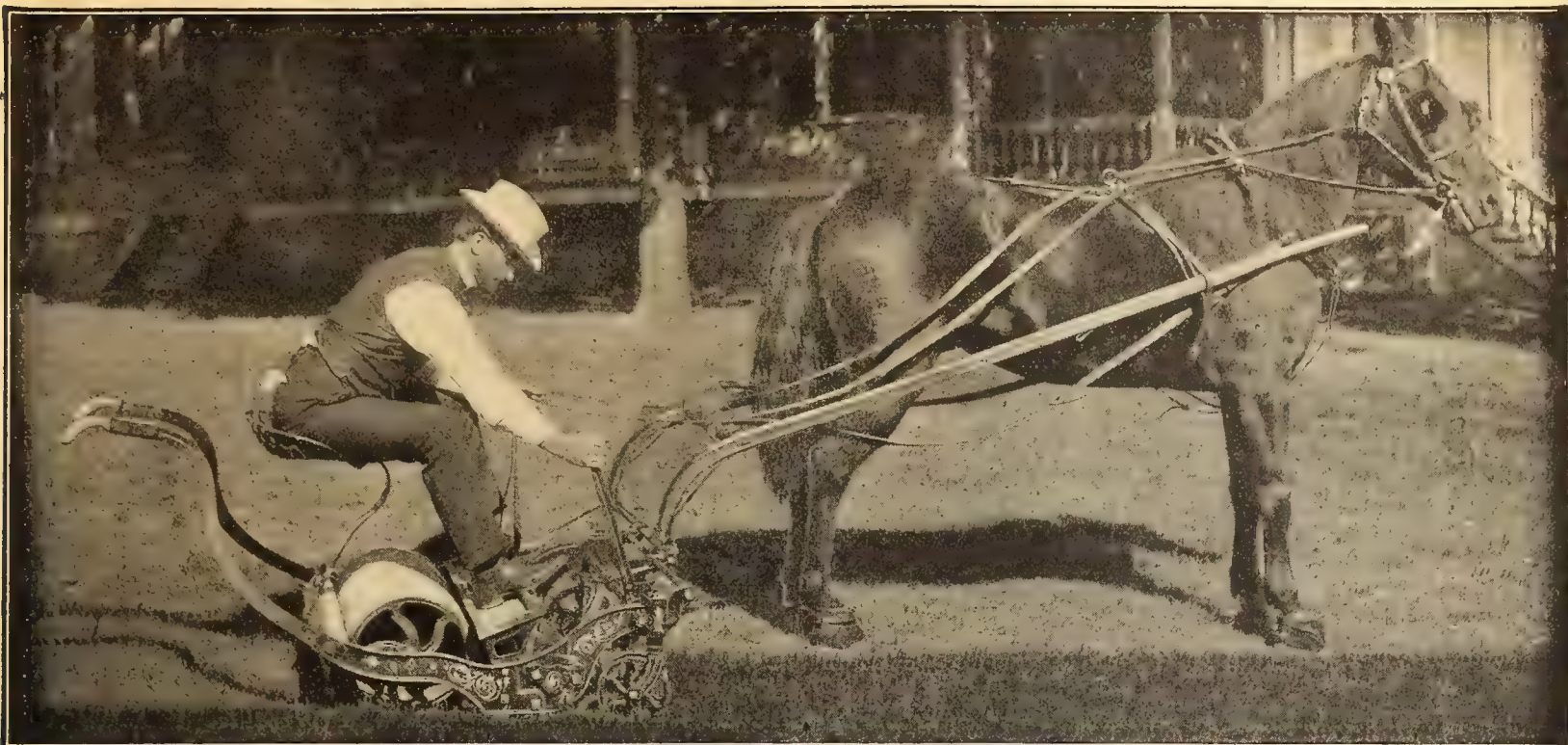
THE "HENDERSON" LAWN GRASS SEED produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm, elastic turf, and is often "ready for mowing four weeks from sowing." This celebrated Lawn Grass is composed of a thoroughly balanced combination of various native and foreign fine-leaved deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth, and velvety sward, free from clumps, is maintained from snow to snow, year after year, and without burning brown in summer.

We have made the formation of lawns a study for years, and thousands of the finest lawns and grass plots in America were obtained by following our instructions and using The "Henderson" Lawn Grass Seed.

Price of the HENDERSON LAWN GRASS SEED

Delivered free in the United States, 30c. quart; \$1.00 for 4 quarts; \$1.75 peck; \$6.00 per bushel of 20 lbs.

FULL INSTRUCTIONS FOR MAKING NEW LAWNS AND RENOVATING OLD LAWNS IN EVERY BAG AND PACKAGE.



USED ON THE FINEST PRIVATE LAWNS, PARKS, GOLF COURSES AND COUNTRY CLUB GROUNDS.

among which are,

Dyker Meadow Golf Club..... N. Y.
Thousand Island Yacht Club..... N. Y.
Eagle Nest Country Club..... N. Y.
Ottawa Golf Club..... Can.
Niagara Golf Club..... N. Y.
Misquamicut Golf Club..... R. I.
Westchester Country Club..... N. Y.
Chevy Chase Club..... Md.
Essex County Country Club..... N. J.
Ardley Golf Club..... N. Y.
Burlingame Country Club..... Cal.
Crescent Athletic Club..... N. Y.
Oyster Bay Golf Club..... N. Y.
Eagle Nest Golf Club..... N. Y.
Savannah Golf Club..... Ga.
Florida Country Club..... Fla.
Elizabeth Town & Country Club, N. J.
Sea Cliff Golf Club..... N. Y.
Scarsdale Golf Club..... N. Y.
Newark Athletic Club..... N. J.
Hackensack Golf Club..... N. J.
Mahopac Golf Club..... N. Y.
Ekwanock Golf Club..... Vt.

and others too numerous to mention.

The New Henderson Horse Lawn Mower

FULLY WARRANTED. AND ROLLER COMBINED. THE LATEST AND BEST.

Knives can be raised or lowered instantly. Side draught (applicable to either side) keeps horse off uncut grass.

THIS is the best horse-power mower manufactured, simple in construction, very durable; nothing but the very best steel and iron are put in it. It is quickly adjusted to cut high or low, and the arrangement for throwing in and out of gear and for raising the knives when passing over stones, rough places or roads is operated from the seat. The side draught (applicable to either side) keeps the horse on the cut grass and prevents trampling down that which is to be mown. The revolving knives are "high speeded," making a continuous cut and leaving the surface of the lawn as smooth as velvet. These mowers are fitted with a two-section roller and weigh, exclusive of shafts, 30-inch cut, 445 lbs.; 35-inch cut, 490 lbs.; 40-inch cut, 540 lbs.; to this may be added the weight of the man if he rides, thereby rolling the lawn with a very respectable weight at the same time it is cutting; or the cutter may be thrown out of gear by the movement of a lever and the machine may be used for rolling alone.

Prices for the Henderson Horse Mower.

Complete with seat, shafts and side draught. Strictly net, no charge for cartage or boxing.

30-in. cut, \$65.00

(Packed weight with shafts, 610 pounds.)

35-in. cut, \$78.00

(Packed weight, with shafts, 660 pounds.)

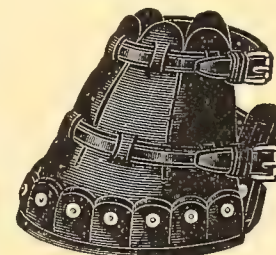
40-in. cut, \$90.00

(Packed weight, with shafts, 690 pounds.)

For MOTOR LAWN Mowers Send For Our Special Literature.

HENDERSON'S IMPROVED HORSE BOOTS.

Made of superior leather, improved double thick riveted soles, strap around the hoof and will keep in place, and prevent horses' hoofs from cutting into soft lawns. In ordering send outline of hoof. Per set of 4, \$10.00.



THE UNIVERSAL LAWN TRIMMER.

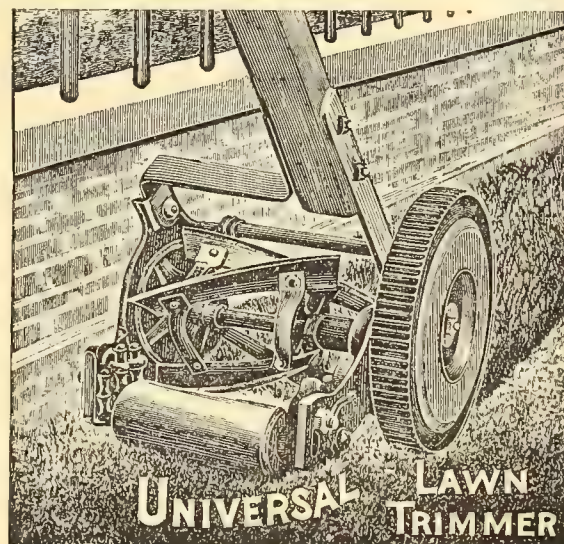
The latest and best machine for trimming grass close up to the fence or wall, thus reducing hand work with shears to a minimum. It will also be found handy for trimming up around trees, under bushes, etc. It cuts 6 inches in width. This Lawn Trimmer is a high-grade machine in every respect with self-adjusting ball bearings. Price, \$4.50.

The Pennsylvania Rotary Lawn Rake.

This is virtually a revolving lawn comb, having flexible steel wire teeth which go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. The action of the three revolving rakes raises up the creeping crab grass and other low growing weeds so the lawn mower can cut them before going to seed, thus effectually ridding the lawn of annual weeds. It has a dumpable collecting box. (See cut.) Price, 24-inch machine, \$16.00; 6-inch, \$25.00.

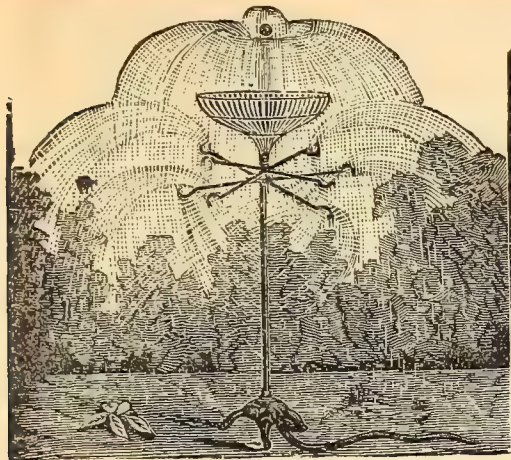


THE PENNSYLVANIA ROTARY LAWN RAKE.



UNIVERSAL LAWN TRIMMER

A More Complete Line of Lawn Essentials is offered in our Catalogue "EVERYTHING FOR THE LAWN," Free on Application.



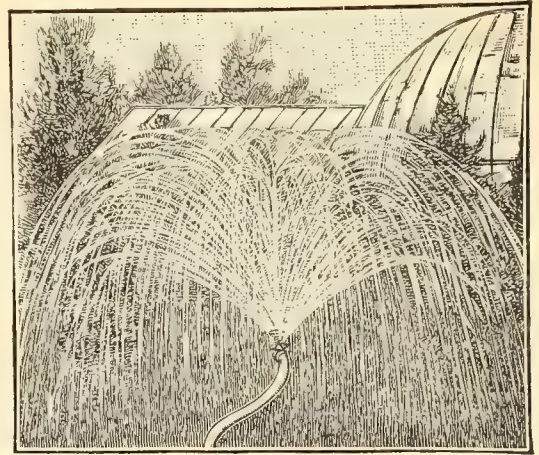
HENDERSON'S 4- AND 8-ARM SPRINKLER.

Henderson's 4-Arm and 8-Arm Lawn Sprinklers.

This is the best lawn sprinkler made. It can be attached to hose and placed anywhere on the lawn where it serves the double purpose of a beautiful fountain and of thoroughly saturating the grass or garden. The water is distributed in fine drops over an area of 60 to 100 feet in circumference, according to the water pressure. An ornamental standard, about four feet high, is surmounted with long perforated arms, which revolve, so the beautiful sprays are constantly changing.

Prices, 4-arm sprinkler, \$3.00; 8-arm, \$3.50.

Ball and Basket Attachment, extra, \$3.00. This fits on the top of the Henderson sprinkler and the stream of water keeps the silvered ball dancing on its summit up in the air. When the ball falls the basket catches it, and it rolls into the center and is again raised by the water.



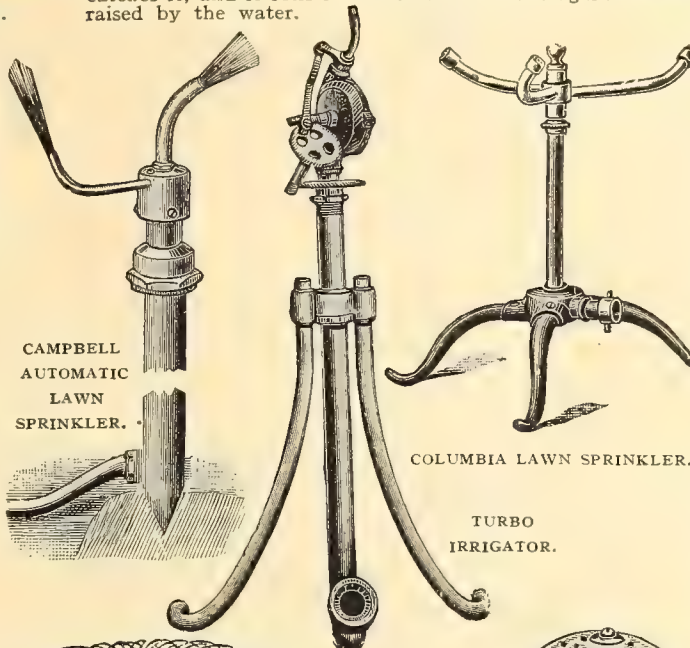
WATER WITCH SPRINKLER ON SPUR.

Campbell Automatic Sprinkler.

is constructed of brass, with the exception of the ball-bearings which are bell metal and bronze. The machine has two discharge tubes, and the water being forced under pressure from the stand pipe through the sprinkler is projected a great distance, the machine being revolved by the reaction of the atmosphere against the stream, which in emerging from the small tube is broken up and evenly distributed in a circle of 50 to 60 feet in diameter. Price, \$3.50.

The Turbo Irrigator.

This sprinkler, mounted on its tripod, may be placed anywhere and coupled to garden hose will water an area 25 to 50 feet from the center or 150 to 300 feet in circumference, according to the water pressure. A single stream, broken into a rain of drops and spray is thrown from the nozzle, which the mechanism causes to rise and fall as it is slowly revolved around the machine, so that every portion of the ground covered is thoroughly and evenly watered from center to circumference. Price, \$12.00.



CAMPBELL
AUTOMATIC
LAWN
SPRINKLER.

COLUMBIA LAWN SPRINKLER.

TURBO
IRRIGATOR.

The "Water Witch" Lawn Sprinklers.

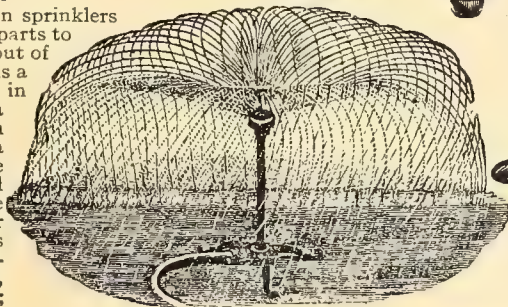
An effective device for sprinkling lawns, gardens or flower beds. The water flows with unimpeded force, and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly, scattering the water in fine drops and evenly over a circular area of 25 to 40 feet diameter. It works more satisfactorily with a very low pressure of water than any sprinkler we know of. Price, without stand, (i.e., with spur to stick in the ground (see cut), 40c. each; (Add extra for Parcel Post: weight 1 lb.). Price, with stand, \$1.00 each (Add extra for Parcel Post weight 3 lb.).

"Columbia" Three-Arm Lawn Sprinkler.

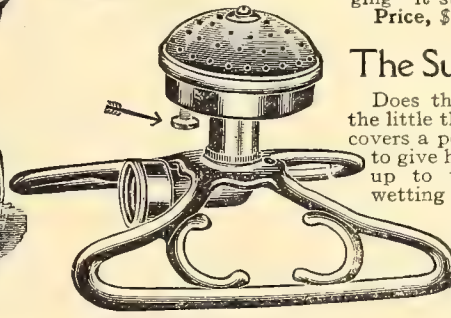
This fills the want for a low-priced arm Sprinkler; it is compactly and strongly made with phosphor-bronze bearing and will cover a space 48 feet in diameter with suitable pressure of water. The top and arms are brass, stand and legs of iron handsomely japanned. The water flows freely through an unobstructed channel, so there is no clogging—it stands 12 inches high. Price, \$1.50 P.P. 3 lb.

The Sunset Full Circle and Half Circle Sprinkler

Does the work of two sprinklers. When the little thumb nut is screwed up the Sunset covers a perfect half circle, enabling the user to give his lawns a thorough drenching right up to the edge of the sidewalk without wetting the walk itself. When the little thumb nut is screwed down the Sunset sprinkles a full circle, gently but thoroughly, covering an area 25, 30 or 35 ft. in diameter, depending on the water pressure. It can be easily dragged around the lawn without tipping. Price, \$1.25. P.P. 3 lb.



SHOWER LAWN SPRINKLER.

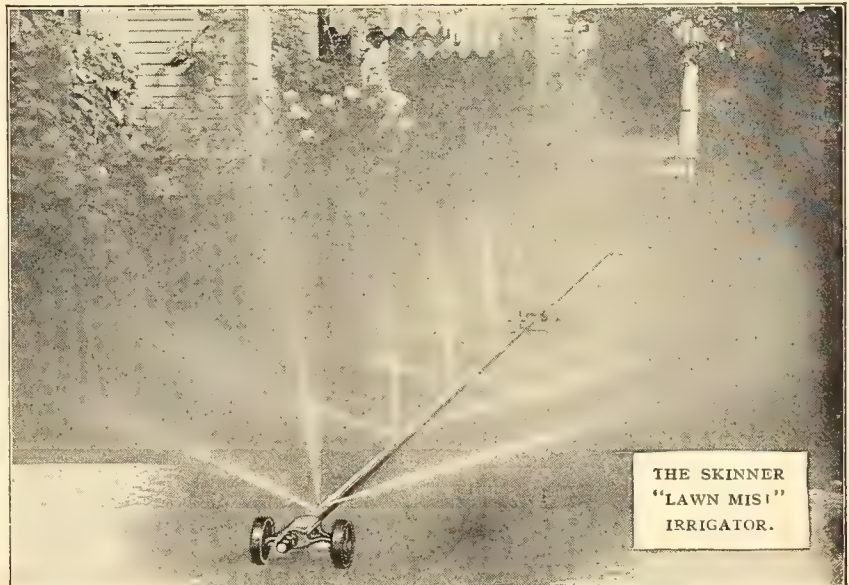


THE SUNSET SPRINKLER.

The Skinner "Lawn Mist" Irrigator.

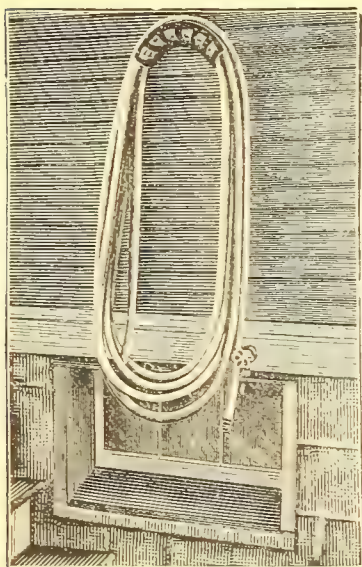
This is virtually the famous "Skinner Irrigation System" on wheels and is therefore portable and may be placed and moved any where on the lawn or in the garden where it can be connected to the garden hose. Its advantage are that it waters a large area with but little attention and the water is distributed evenly and gently in a fine spray which does not pack nor crust the ground nor wash soil from the roots of grass or plants, besides the chill is taken off the water for the minute drops absorb warmth from the air before descending and also cool the atmosphere. The refreshing effect on a sultry night being most noticeable. The Skinner Lawn Mist Irrigator is a length of galvanized pipe in which are fitted about every three feet apart, clusters of small spray nozzles so arranged that the distribution of water is entirely uniform the entire length of the pipe—and over a width of from 16 to 20 feet according to the volume and pressure of the water supply. A 12 foot section of pipe is fitted to 4 sets of nozzles, a 15 foot section to 5 sets and an 18 foot section to 6 sets of spraying nozzles. A 15 foot length operating under a 30 lb. pressure will distribute about 5 gallons of water per minute, other lengths in proportion. Where the water supply and pressure is sufficient two or more lengths of pipe may be connected and operated at one time and if the extra lengths are fitted with our "flexible couplings" the pipes may be placed at different angles as may be desirable. The Skinner "Lawn Mist" Irrigator works best with a water pressure of 30 lbs. or more though very satisfactory results are given with pressures as low as 20 lbs. Each section is fitted to a neat 2-wheel truck at one end and a shoe runner at the opposite end. Coupled for 1/2 hose. Price, per 12 foot section, \$8.00; 15 ft. section, \$9.00; 18 foot section, \$10.00. Flexible coupling to connect two section, 75c. each.

Henderson's Implement Catalogue illustrating and describing a complete line of tools, implements, etc., sent free to all applicants.



THE SKINNER
"LAWN MIST"
IRRIGATOR.

"Hole-Proof" Hose Hangers.



"Hole proof" Hose Hangers drain, dry and protect your hose when in use; preserve it when stored; insure it against holes, cracks and checks; double its life and usefulness. Compact, Convenient, Inexpensive. Will not wear out; will double pay for itself in one year by adding to the life of your hose.

Large size carries 100 ft. hose, 75c., (Add extra for Parcel Post 5 lb.) Small size, carries 50 ft. hose 60c. (Add extra for Parcel Post; weight, 4 lb.)

BRASS HOSE NOZZLE.

With stop cock spray hose and stream.

Prices, for $\frac{1}{2}$ in. hose, \$1.00 for 1 in., \$1.25. (Add extra for Parcel Post weight, 1 lb.)

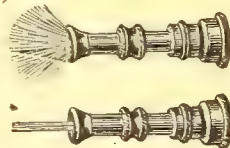
Wide Face Hose Sprinkler.



The holes are small and numerous, so that a copious yet gentle shower is given without washing or packing the soil.

Price, for $\frac{1}{2}$ in. hose, 3 in. face, 85c.; 4 in. face, \$1.10. (Add extra for P. P. weight 1 lb.)

THE "GRADUATING" SPRAY NOZZLE.



Will throw a coarse or a fine spray or a solid stream. Price, $\frac{1}{2}$ in., 50c.; 1 in., 70c.; (Add extra for Parcel Post; weight 1 lb.)

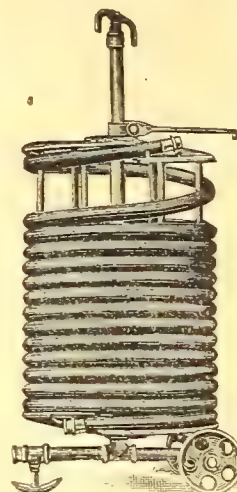
GEM NOZZLE HOLDER.



25c. each.

For watering lawns, flower beds, etc. The hose is held firmly and can be adjusted to any elevation. (Add extra for Parcel Post, weight 1 lb.)

HOSE DRAINING REEL AND LAWN SPRINKLER.



The life of hose is considerably lengthened when regularly and thoroughly drained. On this new reel hose may be wound in gradually ascending coils so that it naturally self-drains when placed in the vertical position shown in the illustration, though when reeling and unreeling the hose the truck is placed in a horizontal position. This reel is also equipped with a splendid lawn sprinkler head, rendering it doubly useful.

Price,

No. 1 for 50 ft. $\frac{1}{2}$ in. hose.....\$4.50
No. 2 for 100 ft. $\frac{1}{2}$ in. hose.....\$5.00

ELECTRIC GARDEN HOSE



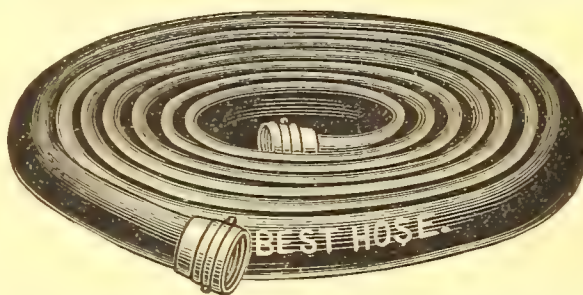
Electric Garden Hose isn't a "duck wrapped" hose, but built up from the inside to the wrapper in such a way as to insure maximum service. Electric Hose will not burst, crack or split. Is made of seamless seine twine jackets and rubber tubes. Prices including couplings.

Bore	Length	Price
$\frac{1}{2}$ in.	25 ft.	\$ 5.00
$\frac{1}{2}$ in.	50 ft.	9 50
1 in.	25 ft.	7 00
1 in.	50 ft.	13.50

Henderson's "BEST PARA" RUBBER HOSE.

This is the highest grade of garden hose, being made entirely from New Para Rubber, and will outlast cheap hose three times over. We guarantee it to stand a 300-pound water pressure, and it will be as resilient in three or four years' time as when new, while cheap hose of that age will be hard and rotten. Every length of Henderson's "Best Para" Hose is fitted with the new water-tight couplings, without extra charge. (Hose is furnished only in 25-foot and 50-foot lengths; the sizes $\frac{1}{2}$ and 1 inch refer to the internal diameter of the bore.)

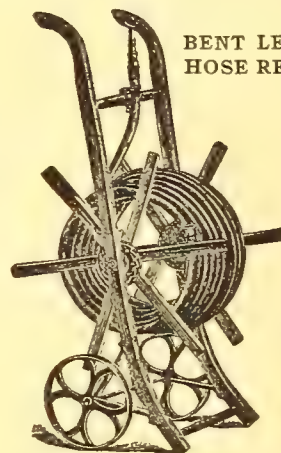
$\frac{1}{2}$ -inch bore Para, per 25-foot length, \$4.25; per 50-foot length, \$8.00.
1-inch bore Para, per 25-foot length, \$6.50; per 50-foot length, \$12.00.



"STANDARD QUALITY" RUBBER HOSE.

This is a grade that is often sold as the "best." It is a good hose and will stand a 100-pound pressure. Each length is fitted with the regular couplings, without extra charge. For $\frac{1}{2}$ -inch Spray Pump Hose and Tubing see page 32.
 $\frac{1}{2}$ -inch Standard, per 25-foot length, \$3.00; per 50-foot length, \$5.75.
1-inch Standard, per 25-foot length, \$4.25; per 50-foot length, \$8.00.

BENT LEG HOSE REEL.



The best wooden reel made--not easily tipped over. The ratchet prevents unwinding unless it is desired to throw back the clutch.

No. A, for 100 feet of $\frac{1}{2}$ -in. Hose.....\$2.25
No. B, for 200 feet of $\frac{1}{2}$ -in. Hose.....\$2.50

The Kinney Liquid Manure Pump.

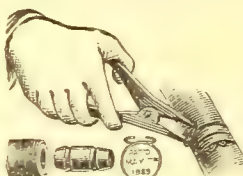
For applying liquid manure to feed grass and garden plants, this pump has no equal. Being made entirely of brass and nickel plated, these pumps are not corroded by chemicals and they do not wear out.

Remember that the water pressure does the pumping and that the flow of liquid fertilizer through the hose, diluted about one-half is even and continuous as long as liquid is reasonably clear and there is water pressure behind it. It will apply from 5 to 15 gallons of liquid fertilizer a minute. There is no waste. You screw the pump to the faucet, put the end of the suction hose into a barrel or tank of clear liquid manure, attach the three-fourths inch discharge hose, open the faucet, and go to the end of the hose. The liquid manure follows, and will keep coming as long as you want it, or until the supply is exhausted. Price, \$1.75, (Add extra for Parcel Post; weight, 1 lb.)

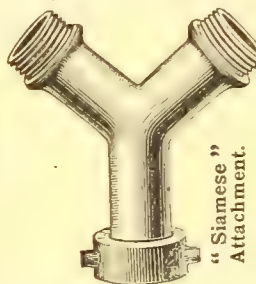


Hose Reducer.
For connecting hose of 1 in. bore with $\frac{1}{2}$ -in. (mailed free), 30c.

HUDSON'S HOSE MENDER.



Practical, simple, perfect. Box of 6 tubes 20 bands and pliers, 75c. (Add extra for Parcel Post weight 1 lb.) (Give size of Hose.)
Tubes, $\frac{1}{2}$ -in., 3c.; 1 in., 4c. each.
Bands, 20c. per doz.
Pliers, 30c. (Add extra for Parcel Post, weight 1 lbs.)



For connecting 2 leads of hose. Price, $\frac{1}{2}$ -in. 60c.; 1-in. 75c. (Add extra for Parcel Post, weight 1 lb. each.)

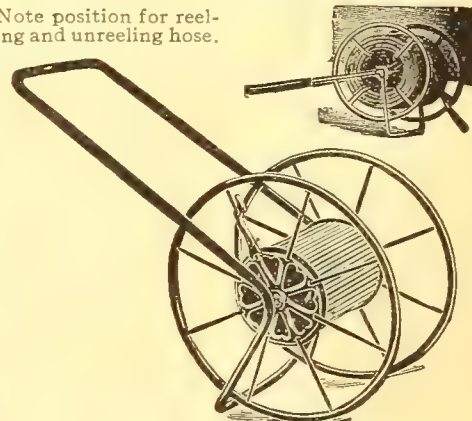
Cooper Hose Mender.



Brass; will not rust or wear. No fastening required; barbs hold hose firm. Price, for hose, with $\frac{1}{2}$ -in. bore, 7c. each 75c. doz.; 1 in., 8c. each, 85c. doz. (Add extra for Parcel Post; weight, 1 lb. per doz.)

ALL IRON HOSE REEL.

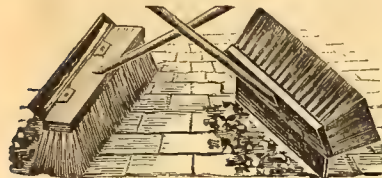
Note position for reeling and unreeling hose.



The All Iron Hose Reels are constructed entirely of iron, and are indestructible; light in weight, frictionless, and the wheels being high make it easily manipulated; these reels cannot tip over when unreeling and there is no weight of hose to carry on the handle.

No. 10, 21-in. wheels, holds 100 ft. $\frac{1}{2}$ -in. hose \$3.25
No. 20, 24 " " " 150 " " 3.50
No. 30, 30 " " " 500 " " 5.00

BASS BROOM WITH SCRAPER HOE.



12-inch, 4 rows of bristles.....\$0.75
14- " 5 " " "90
16- " 5 " " " " 1.00

HALF MOON BORDER EDGING KNIFE

For trimming the sod around the borders of walks, etc. Price, with handle, 60c. each.



GRASS HOOKS

English Riveted Back Thin sharp blades, strengthened by a riveted back, light and rapidly handled. Small size.....45c. Medium Size.....50c. Large Size.....60c.



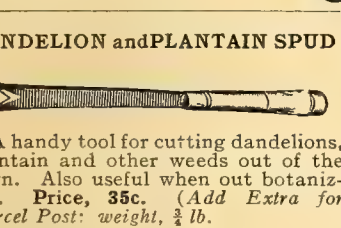
Knuckle saver Grass Hook

The handle is raised from the blade, making it possible to cut close without bruising or skinning the knuckles. Price, 50c.



POPULAR GRASS HOOK.

To meet the demand for a low priced Grass Hook we offer this and it is of very good edge holding quality. Price, 25c. each.



DANDELION and PLANTAIN SPUD



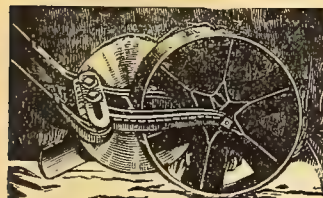
A handy tool for cutting dandelions, plantain and other weeds out of the lawn. Also useful when out botanizing. Price, 35c. (Add Extra for Parcel Post: weight, $\frac{3}{4}$ lb.)

WOOD LAWN RAKE.



Our wood rakes are of superior grade; selected wood; 3 bow. Wood Hay, 12 teeth, 40c. ea., \$4.00 doz. Wood Lawn, 24 teeth, 40c. ea., \$4.00 doz.

THE PLANET, JR. LAWN AND TURF EDGER.



This little tool trims the turf around the edges of the flower beds walks, roads, etc.; the revolving cutter does perfect work, either on a curved or straight border, edging accurately at just the correct angle and at the speed of a mile an hour, while the hoe cleans the bottom of walk. The hoe can be removed if desired. It is invaluable in giving a finished appearance to the lawn. Weight 26 lbs. Price, complete, \$6.25.

BILL HOOK—IMPORTED



Very handy for trimming shrubby hedges, etc., where a long-handled hook cannot be used. Price, \$1.60.

REVOLVING BORDER CUTTER.



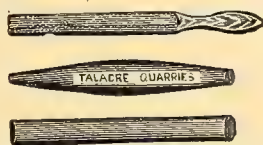
For trimming turf around edges of walks and beds. A revolving knife enables the work to be done with rapidity. Price, \$1.25.

IMPORTED ENGLISH RIVETED-BACK LAWN SCYTHE.



Light and thin broad blades, strengthened by a riveted back. 32 inch, \$1.50; 34 inch, \$1.60; 36 inch, \$1.75; 38 inch, \$1.85.

SCYTHE STONES AND RIFLES.



Genuine English Talacre; roundtaper ends, 25c. each, \$2.50 doz. "Ohio-Red end," flat stone, 5c. each, 50c. doz., Rifles, quadruple emery-coated, 12c. each, \$1.25 doz.



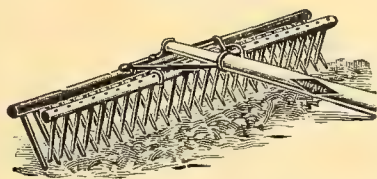
GARDENER'S GLOVES.

For protecting the hands, handling thorny plants, etc. Heavy goat, per pair.....\$1.00 (Add Extra for P. P.: weight, 1 lb.)

RUBBER GARDENING GLOVES.

With gauntlets. Men's sizes, \$1.75; Ladies' size, \$1.50

AUTOMATIC SELF-CLEANING LAWN RAKE



A backward motion of the operator will clean all the teeth at once, thus avoiding the cleaning teeth with the fingers. Made of best hickory. 26 teeth, \$1.00; 38 teeth, \$1.25; 52 teeth, \$2.25 each.

BRUSH AXE.



This is an excellent tool for trimming out underbrush, cutting down old berry hedges, etc. Price, handled, \$1.10.

LAWN SHEARS.



For cutting grass under shrubs, fences, etc. Price, with two wheels, 9 inch blades \$3.00

GRASS EDGING OR BORDER SHEARS.



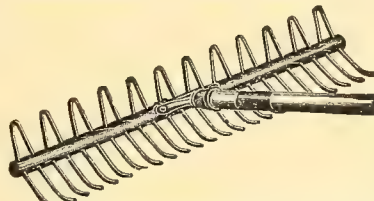
For trimming the overhanging grass around the edges of walks, etc. Price, 9-inch blades, \$2.50 or with wheel, \$3.00

"TROWEL SHANK" GRASS SHEARS.



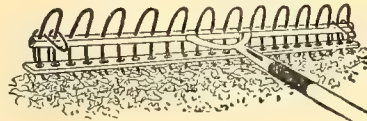
Solid steel, of finest quality and temper; 7-inch blades. The raised, trowel-like handles keep the knuckles off the ground and allow smoother cutting, 90c. (Add extra for Parcel Post; weight 2 lb.)

REVERSIBLE STEEL LAWN RAKE.



Heavily tinned steel teeth. The arched teeth for leaves and litter and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. Price, 50c. ea

REVERSIBLE STEEL LAWN RAKE WITH TEETH CLEANER



This is the reversible Steel Lawn Rake described above with an extra iron bar—perforated for the teeth so it slides up and down quickly cleaning the rake when clogged. Price, with handle, 85c. each.



YOUTH'S SET OF GARDENING TOOLS.

These are made for business; of first-class quality; not toys. The set consists of digging fork, shovel, hoe, rake, trowel and weeder. Price, \$2.75.

HEDGE SHEARS.



Used for both trimming hedges and cutting grass; English manufacture. 8 in. blades, \$1.25; with notch, \$1.50 9 " " 1.50 " " 1.75 10 " " 1.75 " " 2.00

HEDGE KNIFE.



21 inches long; blade 13 inches long, of finest steel; for trimming woody hedges, underbrush, etc., 50c.

EUREKA HAND WEEDER.



EUREKA WEEDER.

Our choice of the finger weeders; the prongs, being of solid forged steel, are thin and long, and get right down to work in loosening soil and breaking crust. Short handle, 30c. each, \$3.00 doz. (Add Extra for Parcel Post: weight, 2 lb.) Long handle, 40c. each \$4.50 doz. (Not mailable.)

CHISEL BLADE WEED CUTTER.

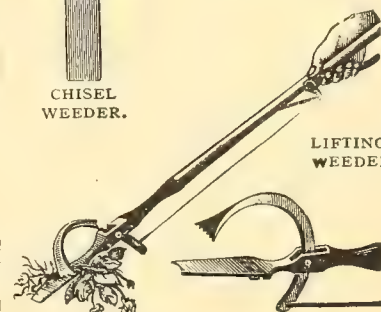


CHISEL WEEDER.

Long handled with foot rest so it can be pressed, cutting off roots or weeds without marring. Price, 60c. ea.

LIFTING WEEDER.

A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. Price, 60c. each.



LIFTING WEEDER.

JAPANESE BAMBOO STAKES

5 ft. long x 5/8 in. dia.

4 ft. x 9/16 in. "

3 ft. x 1/2 in. "

2 ft. x 3/8 in. "

WOODEN PLANT STAKES.

2 ft. 1/4 in. Diam.

3 ft. 1/2 in. Diam.

4 ft. 3/4 in. Diam.

5 ft. 7/8 in. Diam.

6 ft. 1 in. Diam.

Japanese Bamboo Stakes.
Imported bamboo stakes very strong and durable.

Length	Per doz.	Per 100	Per 1000
3 foot.....	10c.	\$0.50	\$4.00
4 ".....	15c.	.60	5.50
5 ".....	20c.	.75	6.00
6 ".....	25c.	1.00	7.50
8 ".....	30c.	1.50	12.00
10 ".....	50c.	3.00	28.00
12 ".....	75c.	5.00	48.00

WOOD PLANT STAKES.

Stakes—Round Green			Square Green.			Round Dahlia Poles Green, White Tops.		
Length	Doz.	100	Length	Doz.	100	Length	Doz.	100
2 feet.....	\$0.35	\$2.00	2 feet.....	\$0.30	\$1.75	2 feet.....	\$0.50	3.50
3 ".....	.60	4.50	3 ".....	.55	4.00	3 ".....	.75	5.00
4 ".....	.80	6.00	4 ".....	.75	5.50	4 ".....	1.00	7.00
5 ".....	1.25	9.00	5 ".....	.90	7.00	5 ".....	1.25	9.00
6 ".....	....	....	6 ".....	1.25	8.50	6 ".....	1.50	11.00

Garden Trellis for Roses and Vines

Various patterns in wood and wire illustrated and offered in our Implement Catalogue, mailed on application.

Tree Tubs, Lawn Settees, Tree Guards, Bird Houses and Baths

and many other Lawn Essentials are illustrated and offered in our Implement Catalogue, mailed on application.

EXTENSION PLANT SUPPORT.

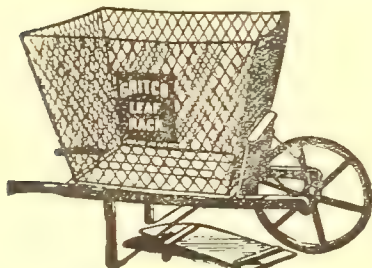


A Ring Model

EXTENSION PLANT SUPPORT.

Especially adapted for Carnations and similar plants; the upper ring may be moved up or down as the size of the plants require. They are made of steel wire, well galvanized to prevent rusting. They are used by the leading growers, who praise them highly.

Prices	Per doz.	Per 100	Per 1000
2 ring support....	60c.	\$4.50	\$40.00
3 ".....	75c.	5.00	45.00



WICKET LAWN GUARD.



A rigid, substantial and ornamental guard for bordering and protecting flowerbeds, walks, etc. The wickets, painted green are 15 inches high and are made of two heavy steel wires twisted together, leaving a loop through which the next wicket is thrust and interlocks; they are easily placed in position by any person to conform to any desired outline, circular, straight, square, etc., the height is regulated to suit by the distance the wickets are placed in the ground. It requires 12 wickets to 8 running feet.

Price, 25c. each, \$2.25 per doz., \$18.00 per 100.

RUBBISH BURNER.

A very convenient basket like arrangement durably made of expanded iron, 1/4 inch mesh—in which may be collected leaves, rubbish, paper, etc., the lid is then shut and the litter burned in the open air with no danger of burning particles being blown around.

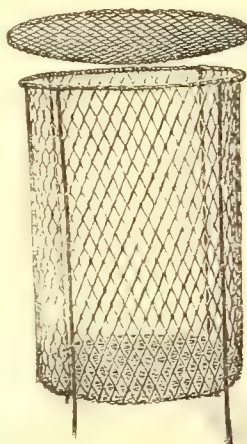
Prices.—No. 1.—14 in. diameter, 16 in. high, inside measurements, \$2.75.

No. 2.—15 in. diameter, 20 in. high, inside measurements, \$3.00.

No. 3.—16 in. diameter, 24 in. high inside measurements, \$3.50.

Wheelbarrow Leaf Rack

A handy device for collecting leaves and litter. It fits on any wheelbarrow with removable sides. It is made of galvanized wire bolted to a wooden base; capacity about 10 bushels. Price, (rack only) \$5.00.



RUBBISH BURNER

WIRE VINE TRAINERS.

Steel wire, with round iron frame and border. Green and bronze finish. Made any length required.

Price Per Running Foot.

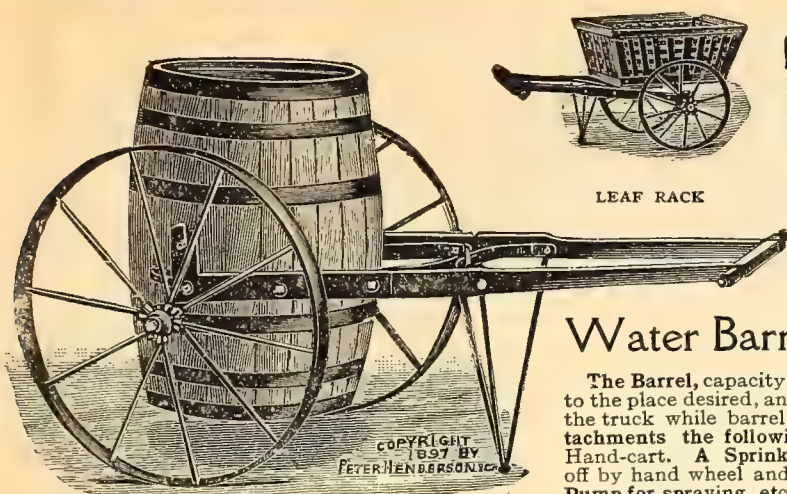
6 in. wide....	35c.	24 in. wide....	70c.
12 " ".....	45c.	30 " ".....	85c.
18 " ".....	55c.	36 " ".....	\$1.00

BIRD NETTING.

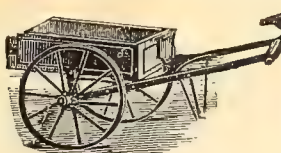
To Protect Fruits, Vegetables, Etc.

What is more exasperating than to anticipate a liberal picking of some fruit to find when you reach the garden that your bird neighbors have been there before you and consumed or destroyed the ripest and choicest berries, grapes or cherries of which some birds are voraciously fond. Lettuce and peas are often ravaged by birds, even flowers are not immune from their attacks and they revel among some plants ripening seeds. All this may be obviated by shutting the birds out with bird netting. This is good quality cotton netting of 1 inch mesh and comes in 20 foot and 30 foot widths and of any reasonable length. Price, 85c. per 100 square feet. Parcel Post weight, 1 lb. per 100 square feet.





LEAF RACK



HAND-CART BOX



SPRINKLER



SPRAY PUMP

Henderson's "Man-Size" Water Barrel Trucks and Accessories.

The Barrel, capacity about 50 gallons, is raised from the ground, carried to the place desired, and can be readily disconnected from or attached to the truck while barrel is either full or empty. We supply as extra attachments the following: A Box with trunnions and spring catch, making a very superior dumping Hand-cart. A Sprinkler, invaluable for watering lawns and sprinkling walks (water is turned on and off by hand wheel and ball valve). A Leaf Rack, very useful for removing leaves and litter. A Force Pump for spraying, etc. (For a Spray Pump we recommend our "Fruitall" offered below.)

PRICES OF HENDERSON'S "MAN-SIZE" WATER BARREL TRUCKS AND ACCESSORIES				
Water Barrel-Truck 1 1/2 in. tire	\$9.25, with 50 gallon barrel	\$12.00	Hand-cart Box Extra	\$3.00
" " " 2 1/2 " "	" " " " " "	13.00	Leaf Rack " "	5.00
" " " 3 1/2 " "	" " " " " "	14.00	Sprinkler attachment	3.25
Extra 50 gallon barrel, with trunnions on		3.25	Extra trunnions, per pair	.50

Small or 30 Gallon Size Barrel and Truck.

A very convenient outfit easily pulled about and of sufficient capacity for many purposes. The various accessories may be purchased separately or in combination. The truck has 30 inch iron wheels with 2 inch rims. The barrel is about half size—holding 30 gallons, spray pump easily attached. The box is 20 1/2 x 39 1/2 x 7 inches, handy for carrying tools, garden truck, etc. the rack is 20 x 54 x 24 inches, very handy for collecting leaves, litter and bulky garden and farm products. For a spray pump suitable for this 30 gal. bbl., we recommend our Fruitall offered below.

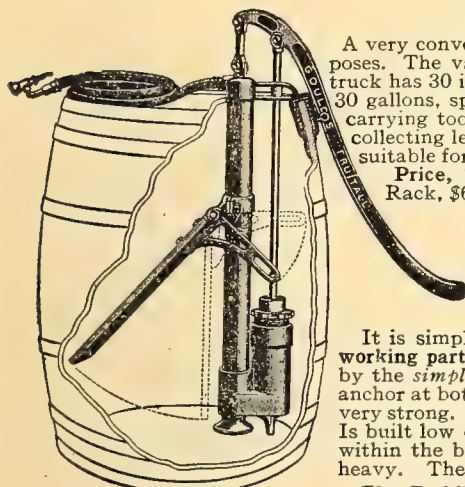
Price, Truck only \$8.50; barrel with trunnions \$2.00; Hand Cart box \$2.75; Rack, \$6.00.

Henderson's "Fruitall" Spray Pump.

A High Grade Pump for Moderate Sized Estates. For Spraying Fruit, Ornamental and Shade Trees, Vines, Grapes, Etc.

It is simple, the parts accessible and easily removed for cleaning. It has all working parts of brass. It can be mounted on or removed from barrel or tank by the simple adjustment of two thumb-screws. It is held firmly by clamp at top and anchor at bottom, and is adjustable to large or small barrel. The Brass Plunger is very strong. The Brass Valves never clog. Steel air chamber. It has a long lever. Is built low down, and with the exception of lever and discharge, is contained within the barrel, offering no obstruction to over-hanging limbs, and is not top-heavy. The pump is easily operated by a single person.

The Paddle Agitator is mechanical in its action and much superior to the old method of "return discharge."

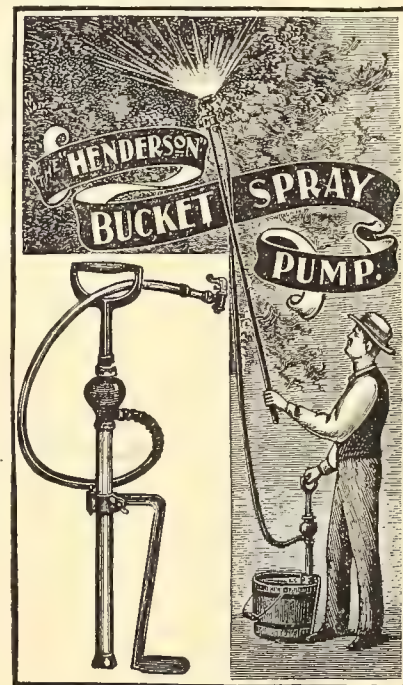


FRUITALL SPRAY PUMP.

PRICES (For Barrels and Trucks, see above).
Henderson's "Fruitall" Pump only (with Agitator) \$8.00; with barrel, \$11.00.
Henderson's "Fruitall" Pump, Outfit "A." Single Spray. Pump with one lead 10 ft., 1/2 in. discharge hose, with "Vermorel" Spray Nozzle and Agitator, \$10.00; or with barrel, \$13.00.

EXTRAS FOR TALL TREE SPRAYING.

The following are adaptable for any of our Spray Trucks
Iron Extension Rods, 8 feet long with shut-off cock at base fitted to attach hose at bottom and nozzle at top, \$1.50 each.
Brass shut-off for 1 lead, \$1.00 extra; for 2 leads, \$1.35 extra.
Spray Hose, 1/2-inch, 12c. per foot. Couplings, extra, 25c. per set.
For Spraying Nozzles of various kinds, see our Implement Catalogue.



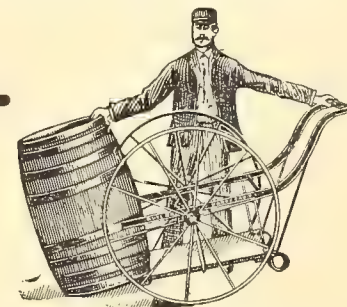
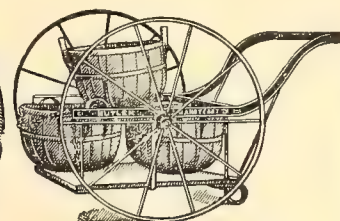
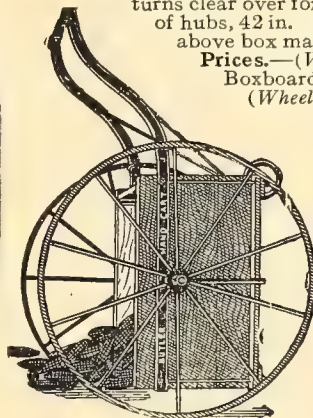
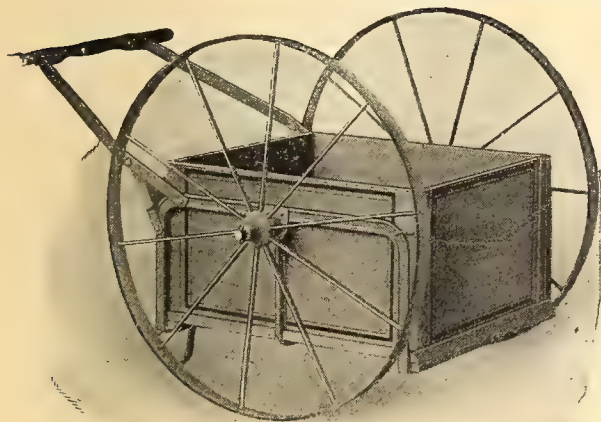
The "Henderson" Hand Bucket Pump.

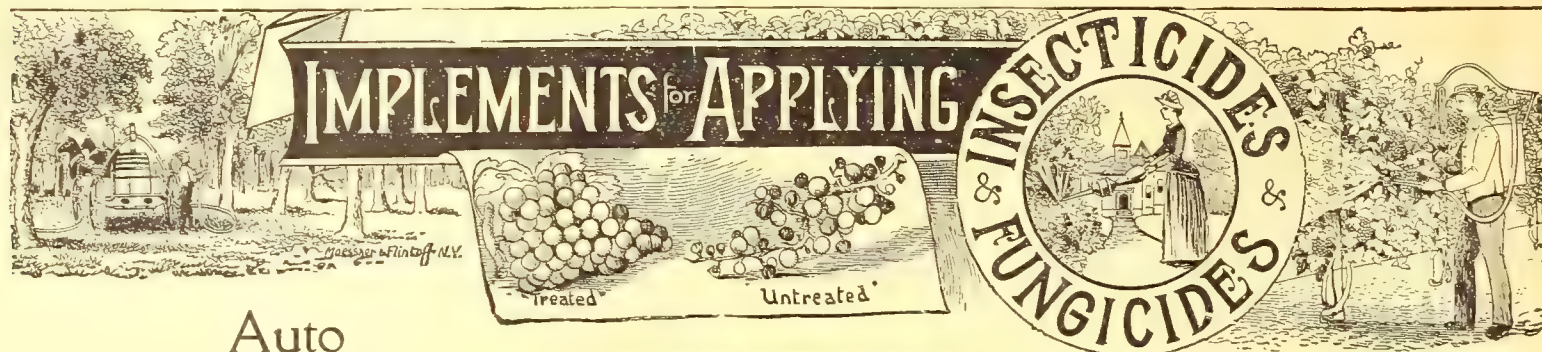
This is the best and most durable portable hand pump in the market. Working parts are made of solid brass with large air-chamber, and is double acting throwing an absolutely continuous stream, either solid or in a fine spray as desired. Very light and easily carried, and works from any bucket or tub. Just the thing for throwing liquid insecticides and fungicides on low trees, shrubs, plants, etc., and by altering the nozzle, it can be used for washing carriages, windows, etc. Price, with 3 feet of hose and combination spray and stream nozzle, \$3.75; or with extra 7 feet section of hose and pole connection for tree spraying, \$4.75.

The Butler Steel Hand Cart with Box and Hopper.

The Butler Steel Hand Cart is of unlimited usefulness about the lawn, garden, orchard, stable, etc. Built low down, it is easily loaded and unloaded with barrels, cans, baskets, stones, etc. The detachable box is for vegetables, leaves, fruit, litter, etc. The cart turns clear over for dumping load if desired. Wheels 36 inches high; from out to out of hubs, 42 in. Platform 28x32 in. Box boards 15 ins. high. Flaring Hopper 12 in. above box makes capacity 11 bushels for leaves, litter, etc.

Prices.—(Wheels 2 3/4 in. tire) Plain (without boxboards), \$8.00. With detachable Boxboards, \$10.00. With detachable Boxboards and Flaring Hopper, \$14.00. (Wheels with 3-in. tire, \$2 extra.)





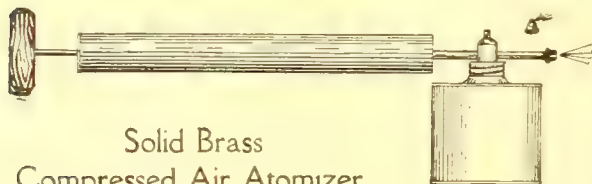
Auto Compressed Air Sprayer.

For Spraying Liquid Insecticides and Fungicides on Garden or Green House Plants, Shrubs, Trees, Etc. Also White-wash and Disinfectants to Poultry Houses. Also Applies Fly Oils for Animal Protection.

One of the best spraying contrivances and the standard of all compressed air sprayers. Can be used in every variety of spraying. Suitable for all garden work, five acres of field crops, a limited number of trees any size, also will handle whitewash and disinfectants in the Poultry house. Capacity about 4 gallons. Easily carried either by handle or shoulder strap. The pump is of heavy brass, large diameter. Two or three pumpings will empty the tank under high pressure. There are no screw connections in the construction of this machine and there are no parts likely to require renewing except in the ordinary course of long service. Made with tank of either brass or galvanized iron, finished with Auto-pop Nozzle No. 1, with which the spring is instantly controlled, and is automatically self cleaning.

NET PRICES.

Auto-spray No. 1B, Brass tank with Nozzle.....	\$7.75
Auto-spray No. 1D, Galvanized tank with Nozzle.....	5.50
Two row attachment for spraying 2 rows at one passing.	1.50
Brass Extension Pipes, 2-ft. lengths, each.....	.50
Brass Elbow for spraying under leaves.....	.30
Torch for burning worm's nests.....	1.00
Brass Strainer for straining solution.....	1.00

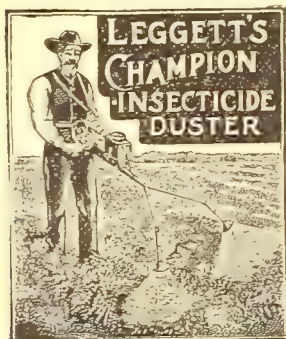


Solid Brass
Compressed Air Atomizer.

The most perfect small hand compressed air sprayer made. Delivers a continuous fog-like spray. Is fitted with straight and adjustable nozzles, making a perfect under leaf sprayer. In fact, spray can be delivered at any angle or position desired. Made in solid brass highly polished; holds 1 quart. Price, \$2.00 (mail weight 2 lbs.)

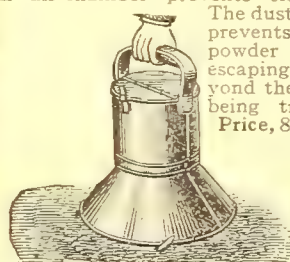
Leggett's Champion Powder Gun.

Blows all dry powders, such as Paris Green, Persian powder, hellebore, sulphur, tobacco, etc., over plants and into trees, for the killing of insects and fungus. It will cover a given area more thoroughly and effectively with a cloud of powder, and use less powder than any other contrivance. With it are supplied various nozzles for different uses. With the "V" nozzles, two rows of potatoes are dusted at one time, then there is a hood nozzle for cabbage worm dusting, it keeps the powder from escaping beyond the head; then there is a curved nozzle for under dusting, and telescope nozzles to blow powder into tall trees—altogether it is the most complete and satisfactory powder dusting arrangement ever invented. Weight about 5 pounds, is easily carried and is operated by turning a little crank, geared to revolve the blow fans, like a fan mill; the quantity of powder to be distributed can be regulated as required. Price, complete, \$9.00.



Norton's Plant Duster.

For dusting potatoes, vines, etc. An air-chamber prevents clogging. The dust guard prevents the powder from escaping beyond the plant being treated. Price, 85c. ea.



AUTO SPRAYER



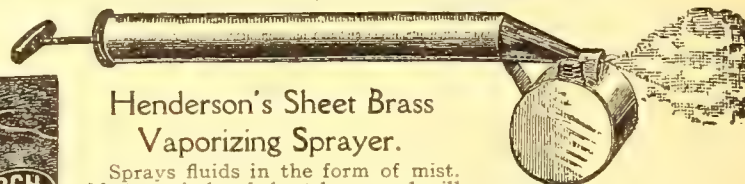
The "Success" Knapsack Sprayer

AND BUCKET SPRAYER COMBINED.

This valuable arrangement is used for applying Bordeaux Mixture and other fluid remedies in a mist-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, black rot, potato blight and kindred diseases; with it a man can spray five to six acres of vines in a day. The machines are made entirely of copper and brass, and the chemicals will not corrode or rust them. The air chamber keeps up a steady pressure, so a continuous discharge is given. The pump may be worked with either the right or left hand. The drip cup is just below the air chamber, and is made extra wide, so that any leakage around the plunger is returned into the tank and not allowed to run down the operator's back. An attachment is furnished for underspraying. This sprayer may be used either as a knapsack or bucket sprayer. To be used as a bucket sprayer the handle and the lever are removed and the extra handle with which the outfit is provided is placed in position. Price, complete, \$14.00.

The Asbestos Torch.

Attach the torch to the end of a pole of suitable length, saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree. Price, 35c. each (mail weight 1 lb.).



Henderson's Sheet Brass
Vaporizing Sprayer.

Sprays fluids in the form of mist. Made entirely of sheet brass and will not corrode nor rust. Just what is needed for applying liquid insecticides and fungicides. The tapering point to the air-chamber gives great force to the spray. Holds one quart. Price, \$1.00 (mail weight 3 lbs.).

Woodason's Double Cone Powder Bellows.

For Dusting Plants with Dry Powders for Insects and Fungus. This double cone bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up, dusting under the leaves as well as on top. Price, \$3.00.

Woodason's Single Cone Powder Bellows.

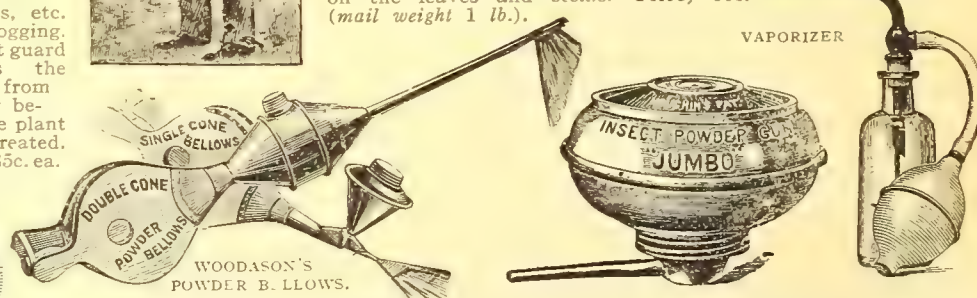
Price, large size, \$2.00; small size (for conservatory and house use), \$1.25.

Jumbo Powder Gun.

For applying insect powders on plants in the house or small gardens; it will hold about 4 oz. of powder, which is ejected and distributed by a pressure with the thumb. Price, 25c. each or by parcel post, 30c.

Henderson's House Plant Vaporizer.

Just the thing for applying fluid Insecticides to palms and other potted plants. By pressing the rubber bulb a fine vapor is ejected which envelops the plant, and settles on the leaves and stems. Price, 60c. (mail weight 1 lb.).





Prices Subject to Change Without Notice.

We herewith offer the best fertilizers procurable for the various crops recommended, but all commercial fertilizers for 1916 will be shy in potash, the source of supply having been shut in by the European war. Agricultural experts claim that most soils will retain sufficient potash for another year's crop. However, we advise those of our patrons doubtful of their soil's supply, especially if planting crops requiring an abundance of potash, to apply in addition to the fertilizer used, not less than 1,000 pounds of wood ashes per acre, or 3 to 5 pounds per 100 square feet. Mucky, and light or sandy soils usually need potash.

BONE FERTILIZERS.

Decompose slowly in the soil, and therefore form excellent permanent improvement, less likely than any other fertilizer to waste. With bone there is no danger of burning the plants. Excellent for top-dressing lawns and grass lands, for garden and field crops.

Quantity Required. For lawns pasture and mowing lands, $\frac{1}{2}$ to 1 ton per acre. For trees and vines, 2 to 4 quarts each. For field and garden crops, $\frac{1}{2}$ to 1 ton broadcasted and harrowed in. For rose beds, pot plants, etc., one part to about fifty of soil.

RAW BONE MEAL. This is ground very fine, decomposes more rapidly in the soil than the coarser grades, and is therefore more quickly beneficial.

Price, 1 lb. package, 10c. (mail weight 2 lbs.); 5 lb. package 30c. 10 lb. package, 50c.; 25 lb. bag, \$1.00; 50 lb. bag, \$1.75; 100 lb. bag, \$3.00; 200 lb. bag, \$5.00 per ton of 2,000 lbs. \$47.00.

RAW GROUND BONE. This is moderately fine and particularly adapted for general fertilizing; the finer particles are immediately beneficial, the coarse keeping up the supply of plant food for a long period.

Price per 100 lb. bag, \$3.00; 200 lb. bag, \$5.00; per ton of 2,000 lbs., \$47.00.

BLOOD AND BONE.

A very high grade fertilizer and superior for immediate as well as for prolonged results; it is of exceptional value for garden crops, root crops, corn, grain, grasses, fruit trees small fruits, grape vines, and in fact, all vegetation.

Quantity Required. When broadcasted and harrowed in use from $\frac{1}{2}$ to 1 ton per acre. For garden crops drill in 300 to 500 lbs. per acre.

Price per 100 lb. bag, \$3.00; 200 lb. bag, \$5.00; per ton of 2,000 lbs., \$47.00.

IMPORTED ENGLISH FERTILIZERS.

CLAY'S FERTILIZER. Price, 14 lb. bag, \$1.25; 28-lb. bag, \$2.25; 56-lb. bag \$4.00; 112-lb. bag, \$7.00.

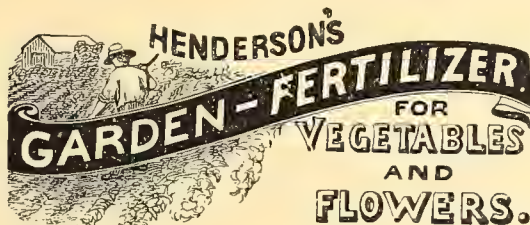
THOMSON'S VINE, PLANT AND VEGETABLE MANURE. Price, 28-lb. bag, \$1.75; 56-lb. bag, \$3.50; 112-lb. bag, \$6.75.

THOMSON'S SPECIAL CHRYSANTHEMUM AND TOP-DRESSING MANURE. 7-lb. bag, \$1.50; 14-lb. bag, \$2.50; 28-lb. bag, \$4.00; 56-lb. bag, \$7.00.

COMMERCIAL FERTILIZERS.

The highest grade commercial fertilizers made.

	Price per 100 lbs.	200 lbs.	2,000 lbs
Potato Manure.....	\$2.50	\$4.50	\$40.00
Corn Manure.....	2.50	4.50	40.00
Special Truck Manure for vegetable crops.	2.75	4.75	44.00
General Crop Compound.....	2.25	4.00	36.00



Strictly high-grade, highly concentrated, fine, dry and free from objectionable odor, containing all the elements needed by vegetables and flowers for their quick growth, early maturity and perfect development. The ingredients are quickly soluble and immediately commence to feed the plants, stimulating them into healthy, luxuriant growth, and feeding them until the end of the season.

Easily applied, either before or after planting, by sprinkling over the surface of the soil and raking in. If something especially fine in vegetables and flowers is desired, two or three additional applications, at intervals will produce magnificent results. A 10-lb. package is sufficient for a space 15x20 ft. for one application, of 500 to 600 lbs. per acre. Instructions on each package.

Price, 5 lb. package, 30c.; (mail weight 6 lb.); 10 lb. package, 50c. (mail weight 11 lbs.); 25 lb. bag \$1.00; 50 lb. bag, \$1.75; 100 lb. bag, \$3.00; 200 lb. bag, \$5.00; per ton, \$48.00.

Henderson's Superior Fertilizer for House Plants.

Price, 12oz. package, sufficient for 25 ordinary-sized plants for one year, 25c. (mail weight 1 lb.)

PURE ANIMAL MANURES

Convenient, compact, high grade natural manures dried and ground or pulverized, very nutritious, immediate and lasting in effect. They make a rich Liquid Manure.

Quantity Required. For garden and field crops, 1 to 2 tons per acre— $\frac{1}{2}$ before plowing the balance before harrowing. For top-dressing grass, use 1 ton per acre, applied in fall or early spring.

SHEEP MANURE PULVERIZED. Price, 50 lb. bag, \$1.50; 100 lb. bag, \$2.50; per ton of 2,000 lbs., \$32.00; in packages of 2 lbs., 20c. (mail weight 3 lbs.); 5 lbs., 35c., (mail weight 6 lbs.); 10 lbs., 60c.

HORSE MANURE DRIED. Price, per 100 lb. bag, \$2.50, 500 lbs., \$10.00; per ton of 2,000 lbs., \$36.00.

CATTLE MANURE, DRIED. \$2.00 per 100-lb. bag, \$30.00 per ton.

GENUINE PERUVIAN GUANO. Valuable for its Nitrogen which is a stimulator for both Flowers and vegetables. Price, 1-lb. tin, 30c.; 5-lb. tin \$1.00; 10-lb. bag, \$1.50; 25 lb. bag, \$3.00; 50 lb. bag, \$4.50; 100 lb. bag, \$7.50.

ASHES—Canada Hard Wood.

Drive away insects and improve the texture of the soil; indispensable for all crops requiring potash; very beneficial for garden and field crops, grass lands and lawns. Apply 1 to 2 tons per acre.

Price per 100-lb. bag, \$2.00 per bbl. of about 200 lbs., \$3.50; per ton of 2,000 lbs., in bbls., \$30.00.

NITRATE OF SODA.

Valuable solely for the nitrogen it contains. It is chiefly a stimulant, used in addition to other fertilizers. It is quick in action and hastens crops to maturity. Apply 100 to 500 lbs. per acre.

Price, per 5 lb. package, 40c.; 10 lb. package, 75c. 25 lb. bag, \$1.60; 50 lb. bag, \$2.75; 100 lb. bag, \$5.00; per ton, apply.

LIME AND LAND PLASTER.

LAND PLASTER OR GYPSUM. Valuable for soils requiring lime and sulphate; also good on grasslands and sour soils. Price, 100 lb. bag, \$1.00; \$16.00 per ton. Quantity required. One to two tons per acre.

HYDRATED LIME. Price, 100-lb. bag, \$1.00; per ton of 2000 lb., \$15.00. 3 ton lots @ \$13.50 ton.

GROUND LIME STONE. Price, 100-lb. bag, 85c.; \$12.00 per ton. 3 ton lots @ \$11.00 ton.



ODORLESS—QUICK-ACTING

For New and Old Lawns, Tennis Courts, Putting Greens, Etc. Quickly Induces a Luxuriant Rich Green Growth.

The constant mowing of grass, and removal of clippings also removes a proportion of digested plant food. Therefore if the luxuriance of a lawn is to be maintained, it must be top dressed, at least once a year, with suitable fertilizer. The Henderson Lawn Enricher is a clean and odorless lawn dressing which never fails in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, and a remarkable improvement will soon be observed. If applied during the summer use half of the quantity and during rainy weather or water in thoroughly with a hose. The use of "Henderson Lawn Enricher" entirely does away with the old practice of top-dressing lawns with stable manure, so objectionable on account of unsightliness, disagreeable odors, so often full of weed seeds.

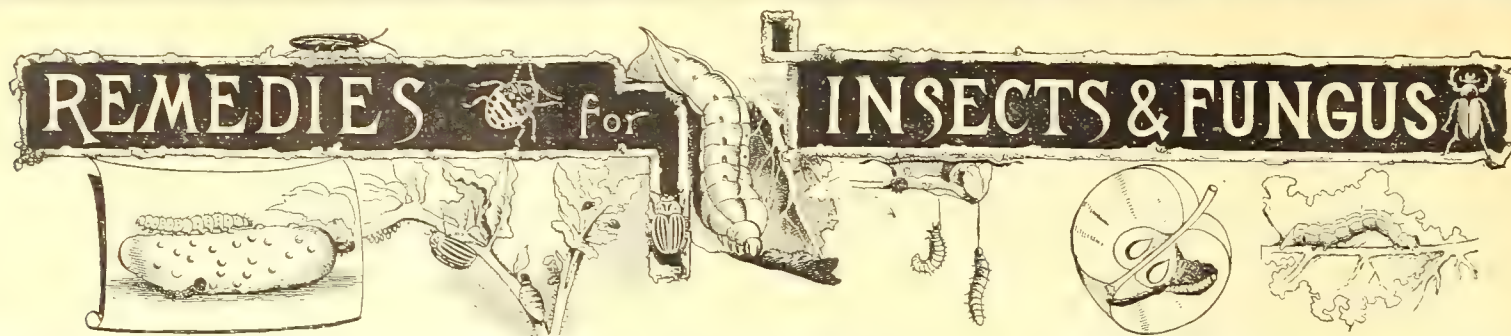
QUANTITY REQUIRED

For forming a new lawn a 10-pound package is sufficient to go over an area of 300 square feet, or 1000 to 1500 pounds per acre, or a smaller quantity for renovating an old lawn. Apply broadcast with machine or by hand as evenly as possible on a quiet day and preferably just before rain. If applied during the summer use half of the quantity and during rainy weather or water in thoroughly with a hose.

The Henderson Lawn Enricher is a clean and odorless lawn dressing which never fails in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, and a remarkable improvement will soon be observed. If applied during the summer use half of the quantity and during rainy weather or water in thoroughly with a hose. The use of "Henderson Lawn Enricher" entirely does away with the old practice of top-dressing lawns with stable manure, so objectionable on account of unsightliness, disagreeable odors, so often full of weed seeds.

PRICES—by Express or Freight—(purchaser paying transit charges.)

5-pound package (mail weight 6 lb.).....	\$.30
10-pound package (mail weight 11 lb.).....	.50
25-pound bag.....	1.00
50- " ".....	1.75
100- " ".....	3.00
200- " ".....	5.00
Per ton of 2000 pounds.....	46.00



INSECTS THAT EAT PLANTS, FOLIAGE, VEGETABLES, FRUITS, FLOWERS, ETC. whether bugs, beetles, worms, caterpillars or slugs, are more quickly and effectually destroyed with a poisonous insecticide as Arsenate of Lead, Paris Green or Hellebore. These if intelligently applied according to directions are so dilute as to be harmless to vegetation and to animal life, excepting in quantity. Less poisonous stomachic and contact insecticides are Bug Death, Fir Tree Oil Soap, Kerosene Emulsion, Slug Shot, etc.

FOR HOUSE AND CONSERVATORY PLANTS the most convenient insecticides are Aphine, Nicotene, Insect Powder and Lemon Oil.

FUNGUS ON PLANTS, TREES, FRUITS, VINES AND VEGETABLES as mildew, spot, dry rot, and rust should be promptly treated with Bordeaux, Ammoniated Copper Solution, Fungine or Sulphur.

THE BEST COMBINED FUNGUS AND INSECT DESTROYERS are Bordeaux-Arsenate and Pyrox.

FOR SCALE ON HARD WOODED PLANTS, SHRUBS AND TREES use Kerosene Emulsion, or if dormant Lime-Sulphur Solution or Scalecide.

FOR TREE BORERS use Borowax. For Tree Wounds use "Electro" Tree Wound Paint.

TO PREVENT CATERPILLARS AND INSECTS CRAWLING UP TREES, use Sticky Tree Cord, Tree Tanglefoot or Fish Oil Soap.

INSECTS THAT SUCK THE JUICES FROM PLANTS, FOLIAGE, ETC., such as lice, green, black and white aphids or fly, mealy bug, red spider and scale, thrust their proboscis into the leaf or stem, consequently are not affected by stomach poisons and must be destroyed by contact insecticides. Those in powder form kill by closing the breathing pores in the insect's skin; or in fluid form by being absorbed through these pores. The best contact insecticides in powder form are Bug Death, Hellebore, Insect Powder, Slug Shot and Tobacco Dust. The best in fluid form are Aphine, Black Leaf 40, Fir Tree Oil Soap, Fish (Whale) Oil Soap, Nicotene (Tobacco Extract), Kerosene Emulsion, Lemon Oil, "X L All" Liquid Insecticide.

FOR FUMIGATING CONSERVATORIES AND GREENHOUSES use Aphine, Punk, Nicotene, Tobacco Powder or Tobacco Stems; for fluid vaporizing use Nicotene or "X L All" compound.

FOR UNDERGROUND INSECTS, ants, root lice, grubs, maggots, cutworms, etc., use Anti-cide, Cutworm Killer, Tobacco Dust, Scotch Soot or Vermine.

FOR ANGLE OR FISH WORMS IN LAWNS, PUTTING GREENS TENNIS COURTS, ETC., use Henderson's Worm-Killing Grass Food.

FOR POTATO SCAB, GRAIN SMUTS, DISINFECTING, ETC., use the germicide Formaldehyde.

FOR ANIMAL INSECTS AND PESTS use Cattle Comfort or Thymo-Cresol.

ABOUT MAILING

Powders, Soaps and Pastes (those offered by the pound)—non-poisonous—can be sent by Parcel Post if sufficient is added to the prices, to pay postage at Zone Rates.
Fluids (those offered by the quart, etc.) and poisonous powders are not mailable.

APHINE. A powerful insecticide, readily soluble in water and applied as a spray, wash or dipping solution. It kills green and black fly, thrips, red spider, slugs, ants, mealy bug, scale, etc. Price, 1 gill, 25c.; ½ pint, 40c.; pint, 65c.; quart, \$1.00 gallon, \$2.50.

APHIS PUNK is a wood-pulp paper, in 6 x 36-inch sheets, saturated with 22½ per cent. nicotine, rolled and dried. When lighted it burns slowly and is a cleanly, convenient and effectual remedy for "smoking" conservatories, etc., for green and black fly, thrip, etc. Price, per carton of 12 rolls, 60c. (mail weight, 1 lb.); per case of 12 cartons, \$6.50.

ANT-I-CIDE. A powder with a repellent odor, effective against ants and crawling insects that infest lawns. Strew so the surface infested will be thoroughly covered. One pound will dress about 300 square feet. Price, 1-lb. package, 25c.; 5-lb. bag, \$1.00; 25-lb. drum, \$4.50.

ARSENATE OF LEAD—PASTE. A poison taking the place of Paris Green. Its advantages are that it adheres to foliage, does not readily wash off by rain and does not injure tender foliage. It remains suspended in solution so that an even distribution can be obtained. It is white in color and shows just where it has been applied. Price, 1-lb. tin, 25c.; 5-lb. tin, \$1.00; 12½-lb. pail, \$2.50; 25-lb. bucket, \$4.50; 50-lb. bucket, \$8.00; 100-lb. keg, \$14.00; 300-lb. barrel, \$36.00.

ARSENATE OF LEAD, POWDERED. May be used either as a dust diluted with hydrated lime, plaster or road-dust, or as a liquid spray with water, lime-sulphur, solution or Bordeaux, only half the weight is needed as of the paste form. Price, 1 lb., 45c.; 5 lbs., \$2.00; 10 lbs., \$3.50; 25-lb. box, \$7.50; 50 lb., \$13.75; 100 lb., \$25.00.

"BLACK LEAF 40." An effective insecticide for sucking insects such as plant lice, aphids, red spider, leaf hopper, thrip, etc. Sprayed on dilute 2 teaspoonsful to a gallon of water. It also forms a splendid combined spray for both insects and fungus with Bordeaux. Price, 1-oz. bottle, 25c.; ¼-lb. tin, 75c.; 2-lb. tin, \$2.50; 10-lb. can, \$10.75.

BORDEAUX—ARSENATE OF LEAD. A combination in proper proportions of these standard insecticide and fungicide remedies, thus killing insects and eliminating fungus plant diseases at one spraying and accomplishing the objects in half the time required to spray on separately. Quantity required, 1 to 2 lbs. in 10 gallons water. Price, 1 lb., 25c.; 5 lbs., \$1.15; 10 lbs., \$2.25; 25 lbs., \$4.75; 50 lbs., \$8.50; 100-lb. keg, \$15.00.

BORDEAUX—PASTE. Ready for use by simply adding 1 part to 50 of water. An indispensable fungicide, curing and preventing black rot, mildew, blight, rust, scab, and all fungoid diseases on fruits and plants. Price, 1 pint, 30c.; 1 quart, 45c.; 1 gallon, \$1.15; 5 gallons, \$4.75; 10 gallons, \$9.00.

BORDEAUX, POWDERED. Requires 1 to 1½ lbs. to 10 gallons of water as a fungicide spray. Price, 1 lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00.

BOROWAX. A complete protection against tree borers if applied in accordance with instructions, at the point where the moth deposits its eggs. Quantity required, half to one pint to a tree according to size. Price, quart, 35c.; half gallon, 60c.; gallon can (boxed), \$1.00; 6 gallons (boxed), \$5.00; half-barrel, \$20.00; barrel, \$35.00.

BUG DEATH. A non-poisonous insect-killing powder, for cabbage and tomato worms, potato and cucumber bugs, etc. Apply with a duster, bellows or powder-gun, at the rate of about 12 lbs. per acre. Mail weight, 1½ lbs., per lb. Price, 20c. per lb.; 3 lbs., 45c.; 5 lbs., 60c.; 12½ lbs., \$1.25; 100 lbs., \$9.25.

BUG DEATH SHAKER. for applying above, 25c.

CATTLE COMFORT. Protects horses, cattle, dogs, etc. from flies, gnats, mosquitoes, horse-fly and other insects, is healing to sores, destroys head lice on fowls, etc. Price, 1 quart, 45c.; 1 gallon, \$1.25; 5 gallons, \$5.00.

COPPER SOLUTION, AMMONIATED. A fungicide, the essential ingredient, "Carbonate of Copper" being dissolved in ammonia, while in Bordeaux it is counteracted by lime. For spraying when fruits are nearing maturity, or plants in bloom, Copper Solution is usually used, as there is no limy sediment left to be washed off. One quart is sufficient for 25 gallons of spray. Price, 1 quart, 65c.; 1 gallon, \$2.25.

CUT WORM KILLER. A coarse powder for sprinkling near the plants to be protected. It has an enticing odor and the worms prefer it to vegetation. One pound is sufficient for 175 plants in hills, or 100 feet when in rows. Price, 1-lb. sprinkler box, 25c. (mail weight, 2 lbs.); 5-lb. tins, \$1.00 (mail weight 6 lbs.); 25-lb. drum, \$4.00; 100-lb. bag, \$12.00.

ELECTRO TREE WOUND PAINT is an insurance against decay, having penetrating antiseptic and elastic waterproofing qualities. Sun and rain cannot cause the coating to break from the treated wood. Price, quart, 50c.; gallon, \$1.50; 5 gallons, \$6.25; 10 gallons, \$10.00.

FIR TREE OIL SOAP. A popular insecticide; it frees plants of nearly all insects to which they are subject, and for the following it has no superior; mealy bug, scale, red spider, aphids, thrip, blight, worms and slugs. An ounce makes one gallon. Price, ¼-lb. tin, 25c. (mail weight, 1 lb.) 2 lbs., 75c. (mail weight, 3 lbs.)

FISH OIL SOAP. (Whale Oil Soap.) Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, 15c. per lb. (mail weight, 2 lbs.); 5 lbs., 60c. (mail weight, 6 lbs.); 25 lbs. and over at 10c. per lb.

FORMALDEHYDE. It is of pronounced efficiency in destroying disease germs affecting both animal and plant life, and is successfully employed as a preventive of such fungoid diseases as potato scab, onion and grain smuts, musty corn and other affected seeds, damping off of seedlings, club root of roses, etc. The dilution for most purposes is 1 lb. (1 pint) to 15 or 20 gallons of water and 1 to 2 gallons of this dilution is required for the treatment of a bushel of seed. Price (40 volume %), 1-lb. bottle, 40c.; 5-lb. bottle, at 35c. lb.; 10-lb. bottle, at 30c. lb.; 50-lb. demijohn, at 25c. lb.; 132-lb. carboy, at 23c. lb.

FUNGINE. An effective sulphurated spraying remedy for mildew, rust and other blights. Does not stain the foliage. Prices, half pint, 30c.; pint, 50c.; quart, 75c.; gallon \$2.00.

HELLEBORE Powdered White. For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and Arsenate of Lead, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 ounce in 3 gallons of water. Price, 50c. per lb.; 5 lbs., \$2.25 (mail weight, 1½ lbs. per lb.); 10 lbs., \$4.00.

INSECT POWDER. (Persian or Buhach Powder.) Henderson's Superior Grade. (Cheap adulterated grades are worthless.) A most effective, non-poisonous, impalpable powder, that penetrates the innermost crevices. For worms, flies, aphids and almost all kinds of insects it is very effective; suffocating them by filling up the breathing pores. Price, 35c. ½ lb.; 1 lb., 65c.; 5 lbs., \$3.50 (mail weight, 1½ lbs. per lb.).

KEROSENE EMULSION. Ready for use by simply adding 25 to 50 parts water to one of Emulsion. For cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly, lice and all sucking insects, either on plants or animals. Price, 1 pint, 20c.; 1 quart, 35c.; 1 gallon, 85c.; 5 gallons, \$3.50.

LEMON OIL. An efficient insecticide for all sucking insects and soft scales. It is applied as a spray or wash and has an agreeable odor. Price, ½ pint, 25c.; 1 pint, 40c.; quart, 75c.; ½ gallon, \$1.25; 1 gallon, \$2.00.

LIME SULPHUR SOLUTION. For all scale insects on trees and shrubs, also of benefit for such fungus bark diseases as can be treated in winter. Must be diluted and applied with a spray pump while the trees are dormant, after the leaves have fallen in fall and before the buds swell in spring. It can be used quite strong during mid-winter, but earlier or later it will be safer to dilute it 1 gallon to 30 to 40 of water. Price, quart can, 25c.; gallon 60c.; 5-gallon can, \$2.00; barrel of 50 gallons, \$10.00.

(Continued on Page 35.)

NICOTEEN. An extract of tobacco, containing about 30 per cent. nicotine. A most effectual, economical and safe remedy for spraying green-houses and garden plants, diluted two teaspoonfuls to a gallon of water for most insects. For fumigating greenhouses, etc., use a scant tablespoonful to 1½ pints of water, for each pan, which is sufficient when vaporized, by placing a hot iron in it, for 600 square feet of floor space. Price, 8-lb. bottle, \$10.00; 4-lb. bottle, \$5.00; 1-lb. bottle, \$1.50; ½-lb. bottle, 85c.; 1½-oz. bottle, 40c.

NICO-FUME. A tobacco paper saturated with nicotine. It comes in strips, which, suspended and lighted, is one of the best, easiest and least injurious methods of fumigating conservatories for aphids and all insects that succumb to tobacco insecticides. One sheet is sufficient for two thousand cubic feet. Price, air-tight cans of two dozen sheets, 85c. (mail weight, 1 lb.); 1 gross sheets, \$4.00 (mail weight, 4 lbs.); 2 gross sheets, \$7.50 (mail weight, 7 lbs.).

PARIS GREEN. An insoluble, poisonous powder for potato bugs, codling moth, worms, caterpillars, slugs and bugs. Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution mix 1 lb. in 200 to 300 gallons of water. Price, ½-lb. package, 30c.; 1-lb. package, 50c.; 5-lb. package, \$2.25; 28-lb. bucket, \$12.00; 100-lb. keg, \$38.00.

PYROX. A combined insecticide and fungicide for all leaf-eating insects, blights and fungus troubles on trees, grapes, small fruits, potatoes, cucumbers, vegetables, roses, shrubbery, etc. It is a creamy paste, and needs only to be mixed with cold water to apply. Price, 1-lb. bottle, 25c.; 5-lb. crock, \$1.00; 10-lb. crock, \$1.75; 25-lb. crock, \$4.00; 50-lb. keg, \$7.50; 100-lb. keg, \$13.50.

SCALECIDE. The best spray for San Jose scale, cottony maple scale and Pear Psylla. It is not poisonous, being a mechanical preparation of petroleum that mixes with cold water and is ready to apply. 1 gallon to 20 gallons of water sprayed

on trees and bushes will kill every scale that it reaches without injury to tree or fruit if applied in late fall, winter or early spring while the foliage is off. Price, 1 quart, 40c.; 1-gallon can, \$1.00; 5-gallon can, \$3.25; 10-gallon can, \$6.00; 30-gallon barrel, \$16.00.

SCOTCH SOFT COAL SOOT. For soil insects and also a stimulating fertilizer. Used in onion drills, radish beds, cabbage grounds, etc., it checks the attacks of grubs, cut worms, etc. When scattered lightly, as a top-dressing around plants, it drives away insects that hide in the ground and lay their eggs near the roots. Price, 50-lb. bag, \$2.00; 100-lb. bag, \$3.50.

SLUG SHOT. A non-poisonous powder insecticide; it requires no mixing or preparation, easily applied and not injurious to animals, the person applying it, or fruits and vegetables treated. Very effectual in destroying potato bugs and beetles, green and black flies, slugs, worms, caterpillars, etc. Price, per keg, of 125 lbs. net, \$7.00; per barrel of 250 lbs. net, \$13.00; 10-lb. package, 60c. (mail weight, 1½ lbs. per lb.); 5-lb. package, 35c.; in tin canister with perforated top for applying, 25c. each (mail weight, 2 lbs.).

STICKY TREE CORD. Tack one end to the tree and pass around it once of twice and tack on every 18 inches, or in the furrows of rough barked trees, it will then prevent caterpillars, etc., from crawling up the tree; lasts all summer; easily put up and removed. It comes in tubes containing about 30 feet. Price, 25c. or \$2.50 per doz. (mail weight, 1½ lbs. each).

SULPHUR, FLOWERS OF. Price, 10c. per lb. (mail weight, 2 lbs.); 10 lbs., 60c.; 25 lbs. and over, at 5c. per lb. (mail weight, 1½ lbs. per lb.).

THYMO-CRESOL or ENGLISH COLD WATER SHEEP DIP. A gallon makes a hundred gallons for most uses. A world-famous dip, and, besides, is unexcelled as an internal and external remedy for animal wounds and skin diseases, for killing animal parasites mixing with whitewash for trees.

chicken-houses, kennels, etc. Price, pint can, 50c.; quart can, 80c.; 1-gallon can, \$2.25. 5-gallon can, \$7.50.

TOBACCO DUST, FINE. For green and black aphids, flea-beetles, etc. Splendid fertilizer and preventative for insects in the ground and around roots. Price, 10c. per lb. (mail weight, 1½ lbs. per lb.); 5 lbs., 35c.; 10 lbs., 60c.; 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$3.00.

TOBACCO POWDER, FUMIGATING. Extra strong Havana tobacco dust for fumigating. Price, 25-lb. bag, \$1.25; 50-lb. bag, \$2.00; 100-lb. bag, \$3.75.

TOBACCO STEMS. For fumigating greenhouses for green and black aphids and other insects. Price 100-lb. bale, \$1.50; per ton of 2,000 lbs., \$25.00.

TREE TANGLEFOOT. No crawling insect can pass a band of tree tanglefoot. Apply early in the spring—before the caterpillars commence to crawl and again in the fall if troubled with the fall canker worm. One pound for a 6-foot band 4 inches wide, 1-16 inch thick. Price, 1-lb. can, 35c.; 3-lb. can, \$1.00; 10-lb. can, \$3.00; 20-lb. can, \$5.50; 25-lb. pail, \$6.75 (mail weight, 1½ lbs. per lb.).

VERMINE. A soil vermicide and sterilizer that protects garden plants and lawns from the ravages of underground insects, root lice, maggots, cut worms, wire worms, grubs, ants, etc. Use 1 part vermine to 400 parts water, thoroughly saturating the ground. If the ground is not planted and can lie idle for two or three days a much stronger solution is used. Price, gill, 25c.; half pint, 40c.; pint, 65c.; quart, \$1.00; gallon, \$3.00.

X. L. ALL VAPORIZING COMPOUND. An English preparation for fumigating greenhouse. Bottle containing sufficient to fumigate 10,000 cubic feet, \$2.25; 20,000 cubic feet, \$4.00.

X. L. ALL LIQUID INSECTICIDE FOR SPRAYING. An English nicotine preparation. Price pint, 65c.; quart, \$1.00; ½ gallon, \$1.75; gallon \$3.50.



Henderson's Worm-Killing Grass Food

Feeds the Grass and Eliminates the Worms.

Henderson's Worm-Killing Grass Food not only stimulates the grass on lawns, putting-greens, tennis courts, croquet grounds, etc., into rich green growth but it quickly eliminates the earth or angle worms that burrow in the turf in almost unbelievable quantities, causing the soil to become sticky, sour and loosening it and the roots so that hot sun and dry weather cause the grass to turn yellow and die out in spots. More lawn troubles are traceable to earth worms than most people realize and we advise all whose grass is not as good as it should be to apply Henderson's Worm-Killing Grass Food at the rate of ½ pound to a square yard during rainy weather or else water in thoroughly with a hose. The worms will then almost immediately come to the surface and die. For putting-greens it is invaluable, keeping them free from worm casts, level and true without the trouble and expense of daily brushing and rolling. It is used by many Golf and Country Clubs and on many private grounds in the United States, and all users are gratified with the results. Henderson's Worm-Killing Grass Food is a non-poisonous powder not injurious to animal or bird life. Its fertilizing properties while combined into a well-balanced grass food are not so strong but that it can safely be applied on grass according to directions at any season of the year. Use one pound for each two square yards. Though late in the season when the worms are deep in the ground the quantity may be increased.

Price of Henderson's Worm Killing Grass Food (F. O. B. N. Y.):

5 lb. pkg. (Mail wt. 6 lbs.)	\$.50	100 bag lb.	\$4.00
10 " " (Mail wt. 11 lbs.)	.85	½-ton (5-100 lb. bags)	19.00
25 " " "	1.50	¼-ton (10-100 lb. bags)	37.00
50 " " "	2.25	Ton (20-100 lb. bags)	74.00

"Kindly book us for one ton of Henderson's Worm-Killing Grass Food for spring delivery. We take pleasure in advising that the sample ton from you last year was the means of thoroughly eradicating the worms wherever applied. It is certainly the best preparation of its kind we have ever used.

W. S. THOMAS (Chairman Greens Com., Country Club of Glen Ridge), Glen Ridge, N. J.

"Was more than pleased with your Worm-Killing Grass Food. It is a sure exterminator of the angle worm. Our grass was very much improved in quality and evenness of surface by the use of it. Will place another order for it with you next spring."

D. M. BLANFORD, Silver Springs, Md.



Henderson's Fluid Weed Destroyer.

Destroys Weeds, Moss, Grass, etc., in Garden Walks and Carriage Drives.

It completely destroys all weeds, wherever applied, and by its effect on the ground prevents the growth of fresh ones for a year afterwards, thus saving an immense amount of labor in hoeing, etc. For brick walks it is a boon. Its application is easy, being in a liquid form and only requiring to be mixed with water and applied with a watering can or sprinkling cart. If the ground is very dry it should first be sprinkled with clear water, so the Weed Destroyer will not soak away too quickly. Where large weeds and docks are to be destroyed it is best to mow or chop off the tops first. Full directions for use with each package. (Not mailable.)

Quart Can	makes	4 to	6 gallons, sufficient for	100 sq. ft.	\$4.00
Gallon Can	"	16 to	20 " " "	400 "	1.15
5 Gallon Keg	"	80 to	100 " " "	2,000 "	5.00
50 Gallon Barrels	"	800 to	1000 " " "	20,000 "	38.00

"Your 'Weed Destroyer' is a boon to us here with our numerous garden walks and carriage drives to be kept clean and free of weeds. It used to be hoe, hoe, hoe, from morning till night, all summer long, but the last two seasons by sprinkling the walks thoroughly in the spring with your 'Weed Destroyer' diluted with water, it has kept the weeds and moss away and the walks in apple pie order."

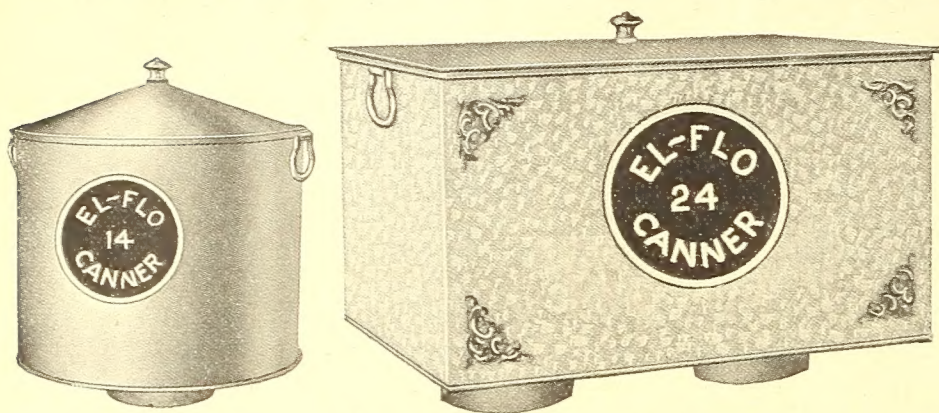
CHAS. McGRATH, Jr., Newton, Mass.

"Climax" Lawn Sand

A non-poisonous, dried chemical, which evenly distributed at about 4 ounces per square yard kills weeds by adhering to their broad flat leaves, but falling to the roots of the grass is absorbed by the soil and so fertilizes the fine grasses that a permanent growth quickly covers the portions previously occupied by weeds and moss.

Grass dressed with "Climax" Lawn Sand is thicker in growth, finer in texture and richer in color. It is marvelous how quickly the grass responds and how lasting the improvement. Price, 3½ lbs., 50c. (mail weight, 4 lbs.); 7 lbs., 75c. (mail weight, 8 lbs.); will dress about 25 square yards; 14 lbs., \$1.25; 28 lbs., \$2.00; 56 lbs., \$3.50; 1 cwt., \$6.00.

"EL-FLO" CANNERS AND CANNING OUTFITS.



"EL FLO" KITCHEN CANNERS.

"El-Flo" Kitchen Canners and Outdoor Canners.

KITCHEN CANNERS are made to be used on the kitchen stove or range burning either coal or wood. As they are light in weight and convenient to handle they are easily moved from the stove when not in use and where but a few cans or glass jars of either fruits or vegetables are to be "put up" every few days as the over production from the garden becomes ready. These kitchen canners are just the thing enabling the thrifty housekeeper to preserve for winter use, delicious eatables that otherwise would go to waste and with but little trouble and no expense other than for the cans or jars.

EL-FLO OUTDOOR CANNERS. Have advantages over the kitchen canners. They can be placed any where out of doors and do not interfere with kitchen operations. They are complete in themselves with boiler, fire box and pipe and can be set on any floor, wood, brick, cement or on the ground. No furnace to build—they are perfectly safe. Even the ash box being enclosed in a water jacket. They burn any kind of fuel and quickly generate and maintain the most intensive heat so that more canning can be accomplished than with kitchen canners where the heat is not so confined.

"EL-FLO" KITCHEN AND OUTDOOR CANNERS.

Descriptions, Capacities and Prices of Various Sizes.

"EL-FLO" No. 14.—ONE HOLE KITCHEN CANNER. This is the smallest canner we make and it is very efficient and convenient where but a few cans or glass jars of vegetables or fruits are to be "put up" every few days. The water pocket fits in the hole of any stove or range, it holds 14 No. 3 cans or 7 quart jars. Caring for about $\frac{3}{4}$ bushel of the average vegetables or fruit at one time. The outfit consists of round boiler 14 in. in diam. by 12 in. high with cover, combination tray, tipping copper, can tongs, tray lifters flux cord, can filler and book of instructions. Price, complete, \$3.50.

"EL-FLO" No. 24.—TWO HOLE KITCHEN CANNER. A larger capacity canner than the above having two water pockets that fit in two holes of any stove or range. Where canning is to be done in the kitchen, this will be found a most satisfactory size—being light in weight and easily moved about. It holds 24 No. 3 cans or 12 quart glass jars. Caring for about $1\frac{1}{4}$ bushels of the average vegetables or fruits at one time. The outfit consists of boiler 19 inches long by 14 in. wide, by 12 in. high with cover. 2 combination trays, tipping copper, can tongs, tray lifters, flux cord, can filler and book of instructions. Price, complete \$5.00.

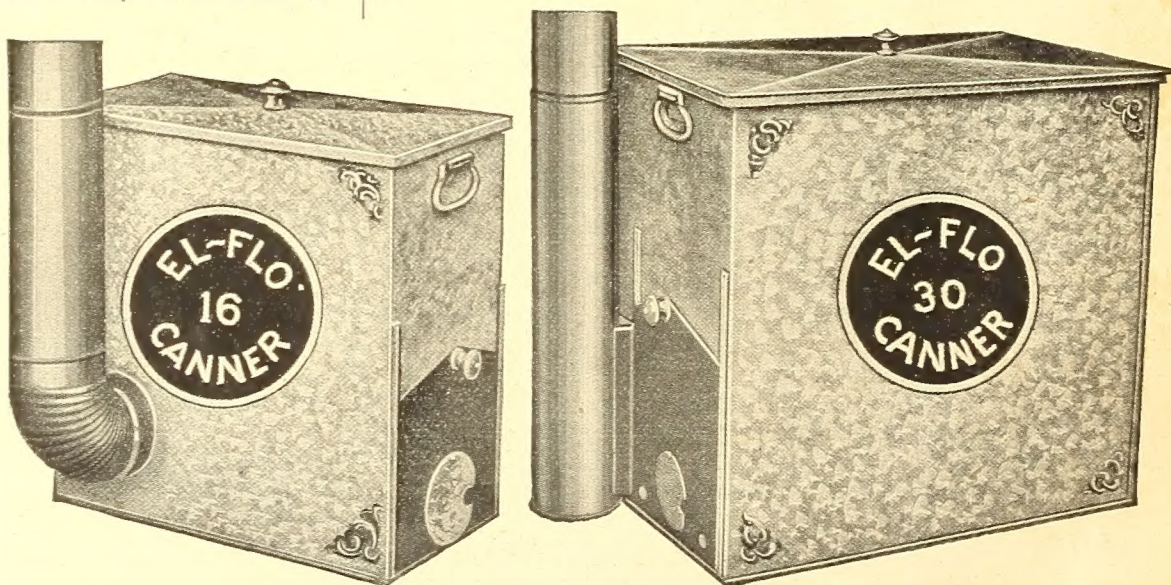
"EL-FLO" NO. 16—SMALL FAMILY OUTDOOR CANNER. Very light, portable and convenient. Most efficient for canning either in tins or glass. It will take care of quite a large quantity of fruits and vegetables during the season if kept busy as it holds at each filling 16 No. 3 cans or 8 quart glass jars. Caring for about $\frac{3}{4}$ bushel of the average vegetables or fruits at one time. The outfit consists of boiler 18 in. long by 10 inches wide by 18 in. high with cover, combination tray, capping steel, tipping copper, can tongs, tray lifters, two joints pipe and elbow, can filler, flux cord and book of instructions. Price, complete, \$7.50.

The art of canning or preserving in one form or another is almost as old as history itself. The Chinese possessed the secret long before the era of civilization—but "the reason why" has only been recently generally understood. It is complete sterilization which destroys all bacteria and molds, yeasts, germs—or minute forms of life that teem in the air we breath, the water we drink and all uncooked fruits and vegetables that we eat. These are the sole causes of decomposition or rotting. "Canning" therefore is destroying the bacteria, etc., by heat and sterilizing the air content of the can or jar and hermetically sealing to prevent the ingress of outside air with its accompanying destructive hosts. Where this is thoroughly done canned goods will last indefinitely. Household canning has been considered more or less of a bug-a-boo by most housewives many of whom seem to think that canning and preserving is a special gift possessed by a fortunate few, whereas any one may do it successfully by understanding the simple fundamentals. Forty percent of the orchard and garden products of

the U. S. go to waste every year, for the lack of facilities and a better understanding of domestic canning—this waste could be converted into appetizing, healthful, nutritious food from your own garden or farm. Simply equip yourself with an "El-Flo" canning outfit of a size suited to your needs, follow the directions given in the Instruction Book given with each—and solve the problem of the high cost of living. "El-Flo" canners are the best made, being scientifically constructed, durable, simple and convenient. They generate a high degree of heat quickly and maintain it uniformly, so that higher grade products are turned out—than by the slow sobbing process of canning by ordinary kitchen methods. With an "El-Flo" canner you can quickly "put up" a few cans a day—as the vegetables and fruits become ready—or they may be operated to their full capacity as circumstances may require and if desired quite a little money may be made by disposing of the output.

Among the vegetables and fruits preserved or "canned" either in tin or glass as preferred we mention apples, apricots, asparagus, beans, beets, berries, cherries, corn, grapes, peas, peaches, pears, plums, pumpkin, quince, rhubarb, spinach, squash, succotash, tomatoes, etc. and also meats.

"EL-FLO" NO. 30—LARGE FAMILY OUTDOOR CANNER. The most convenient general family size and very efficient. It holds the world's record for the most economical pack and is largely used by the U. S. government demonstrators, many truckers and hundreds of private families. It has no superior nor even an equal for its size any where. Every modern convenience is embodied in this outfit. The contents of each can or jar are processed uniformly and just right and will remain so indefinitely. It holds 30 No. 3 cans or 15 quart glass jars at each filling. Caring for about $1\frac{1}{2}$ bushels of the average vegetables or fruits at a time. The outfit comprises boiler 23 in. long by 14 in. wide by 23 inches high, cover, capping steel, tipping copper, two combination trays, tray lifters, can tongs, can filler, flux cord, two joints pipe and book of instructions. Price, complete, \$12.50.



"EL FLO" OUTDOOR FAMILY CANNERS.

Larger sizes of "El-Flo" Canners for Truckers, Hotels, Colleges and commercial purposes are offered in our Implement Catalogue mailed on application

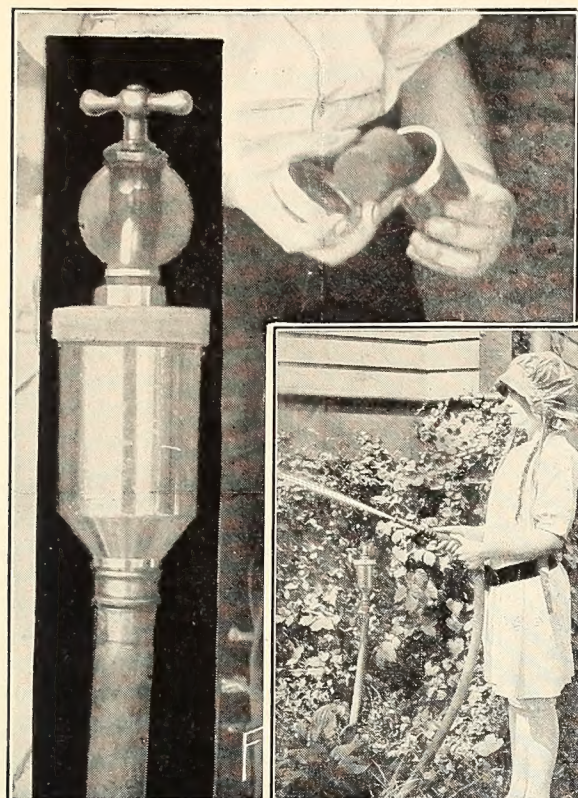
From PETER HENDERSON & CO., NEW YORK

THE KIRKE

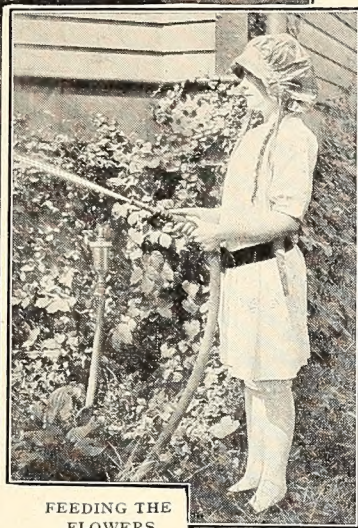
Automatic Lawn and Garden Feeder

Also Insect and Blight Abolisher.

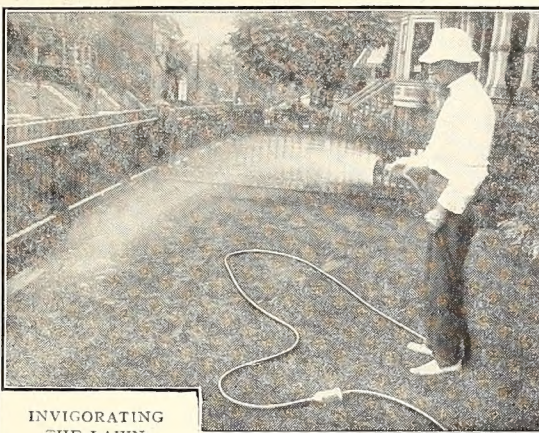
Merely slip a cartridge for either purpose in the container, attach to the hose and water as usual.



THE KIRKE CARTRIDGE CONTAINER

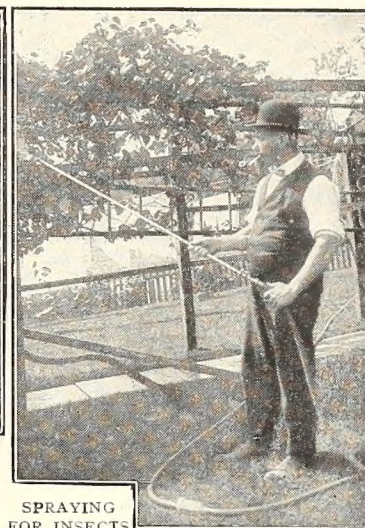


FEEDING THE FLOWERS



INVIGORATING THE LAWN

KIRKE'S LAWN AND GARDEN FEEDER ALSO INSECT AND BLIGHT ABOLISHER



SPRAYING FOR INSECTS



This Kirke System of liquefying and applying in mild solution cartridges of concentrated fertilizers, insecticides or fungicides, through the hose while watering the garden and lawn, is a simple, practical and most efficient method. The Container is a nickel-plated durable brass affair, about 6-inches long by 2½-inches in diameter with strainer in the outlet end; the top unscrews for the insertion of cartridge. It is fitted to couple to any ¾-inch garden hose, either at the faucet or nozzle end. The cartridges—clean and odorless—have been compounded by an expert agricultural chemist and contain in concentrated slowly soluble form the various ingredients—strictly high grade and scientifically blended for the purposes designed, so that when the hose is turned on the cartridge gradually dissolves and impregnates the outflowing water with the proper proportion of plant food, insect destroyer or fungus remedy. Any cartridge (excepting the Bordeaux) may be quickly removed and replaced from time to time as required—until worn away. A cartridge lasts from 6 to 12 hours continuous watering or spraying according to the pressure turned on at the faucet.

THE KIRKE FERTILIZER CARTRIDGE (Color green, weighs about 8 ozs.). Contains the proper proportions of nitrogen, phosphoric acid and potash in high grade, soluble and assimilable plant food form and is immediately effective in feeding and invigorating lawns, grass tennis courts, putting-greens, etc.—whether applied through hose nozzle or lawn sprinkler. For gardens, vegetables, flowers, shrubs, etc., it is equally beneficial, and being so diluted with an abundance of water which carries the plant feeding constituents right to the roots, there is no danger of burning grass or any vegetation, whether applied spring, summer or fall. If you want a luxuriant velvet-green lawn throughout hot, dry weather use the Kirke Fertilizer Cartridges and Distributor.

THE KIRKE BORDEAUX CARTRIDGE (Color blue, weight about 10 ozs.). The active ingredients of this best of all fungicides is Copper Sulphate and Lime. An effective remedy and preventative for Mildew, Blight, Rust, Leaf Spot, Bitter Rot and other fungus diseases. Apply in spray form so it will cling to the foliage, etc.—it then also acts as a deterrent for many insects.

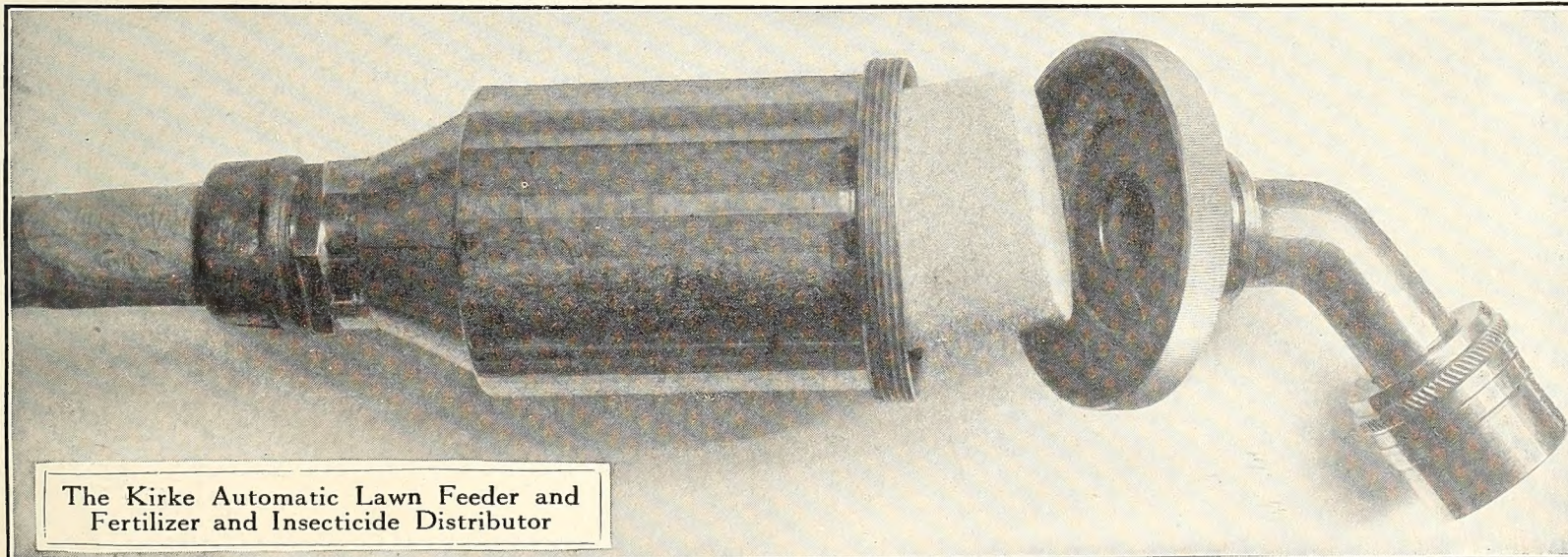
THE KIRKE TOBACCO CARTRIDGE (Color brown, weighs about 6½ ozs.). The active agent in this is nicotine, destructive to all sucking insects such

as Aphis, Plant Lice, Green Fly, Thrip, Leaf Hopper, Mealy Bug, Currant Worms, Canker Worms, etc. It is not poisonous and will not injure fruits nor flowers. To be effective for insects of this class the insecticide must touch them, therefore should be applied with a spray nozzle.

THE KIRKE ARSENATE OF LEAD CARTRIDGE (Color white, weight about 10 ozs.). This is a very effective poisonous insecticide for Bugs, Beetles, Caterpillars, Worms and Slugs that chew or eat foliage, etc. Applied in a spray it adheres to the plants without injury and the moment the slightest particle reaches the stomach of the depredator he is done for.

	Each.	½ doz.	Doz.	Mail Wt.
Kirke Cartridge Container.....	\$3.00	.....	.....	1 lb. each
Kirke Fertilizer Cartridges.....	.30	\$1.60	\$3.00	7 lb. doz.
Kirke Tobacco Insecticide Cartridges.....	.30	1.60	3.00	6 lb. doz.
Kirke Arsenate of Lead Insecticide Cartridges.....	.40	2.30	4.50	7½ lb. doz.
Kirke Bordeaux Cartridges.....	.30	1.60	3.00	5 lb. doz.

If by Parcel Post add postage at Zone Rates, see 2d page cover.



The Kirke Automatic Lawn Feeder and Fertilizer and Insecticide Distributor



ABINGTON

EARLY OZARK

COMMONWEALTH

CHIPMAN

NORWOOD

HERITAGE



HENDERSON'S "SUCCESSION"

Collections of Strawberries

are composed of the undermentioned six choice family strawberries, including Extra Early, Early, Mid-Season, Late and Extra-Late Varieties, thus extending the Strawberry Season to its maximum limits.

All are Pot-Grown Plants

Set out this Summer will bear a full crop next season

- EARLY OZARK.....Extra Early
- ABINGTON.....Early
- CHIPMAN.....Early to Mid-Season
- NORWOOD.....Mid-Season
- HERITAGE.....Mid-Season to Late
- COMMONWEALTH.....Extra Late

Prices of Henderson's "Succession" Collection of Strawberries:

- COLLECTION A
24 plants, 4 each of above 6 varieties.....\$1.00
- COLLECTION B
36 plants, 6 each of above 6 varieties.....\$1.50
- COLLECTION C
72 plants, 12 each of above 6 varieties.....\$2.75
- COLLECTION D
150 plants, 25 each of above 6 varieties....\$5.00
- COLLECTION E
300 plants, 50 each of above 6 varieties.\$9.50
- COLLECTION F
600 plants, 100 each of 6 varieties, \$18.00

Purchasers to pay transportation.
See page 2.



Peter Henderson & Co.
35 & 37 CORTLANDT ST., NEW YORK.